

ZTE Majesty™
ProPlus[™] LTE

Z899VL

READY
WHEN
YOU ARE

**USER
MANUAL**

N58151100005

Tomorrow never waits



ZTEUSA.COM

About This Manual

Thank you for choosing this ZTE mobile device. In order to keep your device in its best condition, please read this manual and keep it for future reference.

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Getting Started

Installing the Micro-SIM Card (Included)

Power off your phone before installing or removing the micro-SIM card.

NOTE: Your phone will come with the SIM card already installed.

WARNING! To avoid damage to the phone, do not use any other kind of SIM cards, or any non-standard micro-SIM card cut from a SIM card. You can get a standard micro-SIM card from your service provider.

1. Insert your fingernail into the bottom left corner of the back cover and lift it up gently.
2. Hold the micro-SIM card with the cut corner oriented as shown and slide it into the card slot.
3. Replace the back cover.



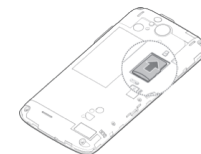
Installing a microSDHC Card (Not Included)

The microSDHC card can be installed and removed while the phone is turned on. Unmount the microSDHC card before removing it.

1. Insert your fingernail into the bottom left corner of the back cover and lift it up gently.
2. Hold the microSDHC card with the cut corner oriented as shown and slide it into the card slot.

NOTE: Your phone supports a microSDHC card up to 32 GB.

3. Replace the back cover.



Charging the Battery

Your phone's battery should have enough power for the phone to turn on, find a signal, and make a few calls. You should fully charge the battery as soon as possible.

Do not change the built-in rechargeable battery in your phone by yourself. The battery can only be changed by ZTE or ZTE authorized service provider.

WARNING! Use only ZTE-approved chargers and cables. The use of unapproved accessories could damage your phone or cause the battery to explode.

1. Connect the adapter to the charging port.
2. Connect the charger to a standard AC wall outlet. If the phone is on, you'll see a charging icon, such as  or , appear in the Status Bar.
3. Disconnect the charger when the battery is fully charged.

NOTE: If the battery is extremely low, you may be unable to power on the phone even when it is being charged. In this case, try again after charging the phone for at least 20 minutes. Contact customer service if you still cannot power on the phone after prolonged charging.



This device contains a non-removable battery. Attempting to remove will void your warranty and could cause serious injury. Do not damage, alter, or try to remove the battery.

Extending the Battery Life

Active applications, screen brightness levels, *Bluetooth* and Wi-Fi usage, and GPS functionality can drain your battery. You can follow the helpful tips below to conserve your battery power:

- Reduce the screen backlight time.
- Lower the screen brightness.
- Turn auto-sync, Wi-Fi, and *Bluetooth* off when not in use.
- Disable the GPS function when not in use. Most applications using this function will periodically query the GPS satellites for your current location; each query drains your battery.

Powering Your Phone On/Off

- Press and hold the **Power/Lock Key** to turn on your phone.

- To turn it off, press and hold the **Power/Lock Key** to open the options menu. Tap **Power off** > **OK**.

NOTE: If the phone freezes or takes too long to respond, press and hold the **Power/Lock Key** for about 10 seconds to restart the phone.

Setting Up Your Phone for the First Time

When you first power on your phone after you purchase it or reset it to factory settings (see *Settings – Personal – Backup & Reset*), you may need to set it up before using it.

1. Tap the language field to select the language you want, and tap **LET'S GO**.
2. Follow the prompts to set up your Wi-Fi connection, Google account, Google services, and other options.

NOTE: Users with low vision can tap **Vision Settings** on the initial setup screen to customize accessibility features.

Locking/Unlocking the Screen and Keys

Your phone allows you to quickly lock the screen and keys (put the phone into Sleep mode) when not in use and also to turn the screen back on and unlock it when you need it.

Locking the Screen and Keys

To quickly turn the screen off and lock the keys, press the **Power/Lock Key**.

NOTE: To save battery power, the phone automatically turns off the screen after a certain period of time when you leave it idle. You will still be able to receive messages and calls while the phone screen is off.

Unlocking the Screen and Keys

1. Press the **Power/Lock Key** to turn the screen on.
2. Press and hold an empty area of the screen or  to wake the phone, or
 - Press and hold  to use Google voice commands.
 - Press and hold  to open the camera.
 - Double-tap a notification to open the related app.

Getting Started

NOTE: If you have set an unlock pattern, PIN, or password for your phone (see *Personalizing – Protecting Your Phone With Screen Locks*), you'll need to draw the pattern or enter the PIN/password to unlock your screen.

Using the Touch Screen

Your phone's touch screen lets you control actions through a variety of touch gestures.

- **Tap** – When you want to type using the on-screen keyboard, select on-screen items (such as application and settings icons), or press on-screen buttons, simply tap them with your finger.
- **Press and hold** – To open the available options for an item (for example, a message or link in a web page), press and hold the item.
- **Swipe or slide** – To swipe or slide means to quickly drag your finger vertically or horizontally across the screen.
- **Drag** – To drag, press and hold your finger with some pressure before you start to move your finger. While dragging, do not release your finger until you have reached the target position.
- **Pinch** – In some apps (such as Maps, Browser, and Gallery), you can zoom in and out by placing two fingers on the screen at once and pinching them together (to zoom out) or spreading them apart (to zoom in).
- **Rotate the screen** – For most screens, you can automatically change the screen orientation from portrait to landscape by turning the phone sideways.

NOTES:

- The Auto-rotate screen option needs to be turned on for the screen orientation to automatically change. Press the **Home Key** > **Settings** > **Display** > **When device is rotated** > **Rotate the contents of the screen**.
- You can also access the screen rotation control by sliding down the Status Bar twice and tapping **Auto-rotate** or **Portrait**.

Getting Started

Getting to Know Your Phone



*You can switch the positions of the Back Key and Recent Apps Key. Press the **Home Key** > **Settings** > **Navigation key** and select one option.

Key Functions

Key	Description
Power/Lock Key	Press and hold to turn Airplane mode on or off, restart, or to power off. Press to change your phone to Sleep mode. Press to wake up your phone.
Home Key	Press to return to the home screen from any application or screen. Press and hold to access the Google app.
Recent Apps Key	Press to see recently used applications. Double-tap to switch to the most recent application. Press and hold to activate split-screen mode (see <i>Knowing the Basics – Opening and Switching Apps – Using Two Apps in Split-Screen Mode</i>).
Back Key	Press to go to the previous screen.
Volume Key	Press or hold to turn the volume up or down.

Getting to Know the Home Screen

The home screen is the starting point for your phone's applications, functions, and menus. You can customize your home screen by adding application icons, shortcuts, folders, widgets, and more.



Extended Home Screen Panels

Your home screen is extendable, providing more space for shortcuts, widgets, and more. Simply swipe left or right on the home screen to see the extended panels. You can add or remove home screen panels, or adjust their order.

Getting Started

To add a new home screen panel:

1. Press and hold an empty area of the home screen.
2. Tap **Widgets**.
3. Slide the home screen thumbnails left or right and tap .
4. Drag a widget to the new home screen.

To delete a home screen panel:

1. Press and hold an empty area of the home screen.
2. Tap **Home**.
3. Swipe left or right to view the home screen thumbnails. Tap  on the top right corner of a thumbnail.
4. Tap **OK**. The items on the panel will also be removed.

NOTES:

- A home screen panel cannot be left empty. If the icon, widget, or folder is the only item on the current home screen panel, the panel will be deleted as you remove the item.
- When there are only three home screen panels, you cannot delete any of them.

To adjust the order of a home screen panel:

1. Press and hold an empty area of the home screen.
2. Tap **Home**.
3. Swipe left or right to view the home screen thumbnails. Press and hold a thumbnail and drag it left or right to the place you need.

NOTE: Tap  at the bottom of a home screen thumbnail to set it as the main home screen.

Personalizing

Changing the System Language

1. Press the **Home Key** >  > **Settings** > **Languages & input** > **Languages**.
2. If the language you need is not shown in the list, tap **Add a language** and select the one you want.
3. Press and hold  next to the language you want to use, and drag it to the top of the list.

Setting the Date and Time

1. Press the **Home Key** >  > **Settings** > **Date & time**.
2. Set the date, time, time zone, and time format.
 - To adjust the date and time automatically, tap to turn on **Automatic date & time**.
 - To adjust the date and time manually, tap to turn off **Automatic date & time** and tap **Set date** / **Set time** to change the date and time.
 - To adjust the time zone automatically, tap to turn on **Automatic time zone**.
 - To adjust the time zone manually, tap to turn off **Automatic time zone** and tap **Select time zone** to set the correct time zone.
 - To adjust the time format, tap to turn on **Use 24-hour format**.

Changing the Ringtone and Notification Sound

You can quickly customize the default ringtone for incoming calls and the default notification sound.

1. Press the **Home Key** >  > **Settings** > **Sound**.
2. Tap **Phone ringtone** or **Default notification ringtone**.
3. Scroll through the list and select the ringtone you'd like to use.
4. Tap **OK**.

NOTES:

- Many applications have their own notification sound settings.

- See *Contacts – Editing Contacts – Setting a Ringtone for a Contact* for how to assign a special ringtone to an individual contact.
- When selecting ringtones or sounds, tap the **Music** or **Recording** tab to select an audio file saved on the phone or the microSDHC card.

Turning System Sounds On/Off

1. Press the **Home Key** >  > **Settings** > **Sound** > **Other sounds**.
2. Tap **Dial pad tones**, **Screen locking sounds**, **Charging sounds**, **Touch sounds**, **Vibrate on tap**, or **Power up tone** to turn each option on or off. Tap **Emergency tone** and select **Alert**, **Vibrate**, or **Silent**.

Adjusting Volumes

1. Press the **Home Key** >  > **Settings** > **Sound**.
2. Drag the sliders below **Media volume**, **Alarm volume**, **Ring volume**, and **Notification volume** to adjust the volume for each type of audio.

NOTE: You can adjust the media volume when a media application is in use by pressing the **Volume Key**. If no media application is active, press the **Volume Key** to adjust ringtone volume (or the earpiece volume during a call), or tap  and drag a volume slider to adjust other types of volume.

Switching Notification Mode

Press the **Home Key** >  > **Settings** > **Sound** > **Notification mode** and select an option.

Switching to Silent or Vibration Mode

You can set the phone to silent or vibration mode using one of the following methods:

- Press the **Volume Key** when no media application is active to show the volume management window. Drag the slider to the left or keep pressing the **Volume Down Key** to switch the phone to vibration mode. Press the key again in vibration mode to switch the phone to silent mode.

- Swipe down from the top of the screen to open the Notification Panel, and drag the panel downward. Tap **Sound**, **Vibrate**, or **Silent** to switch the phone to vibrate or silent mode or turn on the sound (see *Knowing the Basics – Managing Notifications – Using Quick Settings*).
- Press the **Home Key** >  > **Settings** > **Sound** > **Notification mode** and select **Vibrate** or **Mute** to switch to vibration or silent mode.

NOTE: In addition to silent mode and vibration, you can also allow priority apps to send out notifications when you switch the phone to priority interruption mode.

Using Do Not Disturb Mode

You can limit interruptions with Do not disturb mode. This mode silences your phone so that it doesn't make sounds or vibrate when you don't want it to.

Turning on Do Not Disturb Mode

1. Press the **Home Key** >  > **Settings** > **Sound** > **Do not disturb**.
2. Tap **Do not disturb** and choose an option:
 - Tap **Never** to disable the feature.
 - Tap **Always** to immediately enable the feature.
 - Tap **Scheduled** to enable the feature for a selected time period. Under Set schedule, tap **Days**, **Start time**, and **End time** to make selections.
3. If you have selected Always or Scheduled, tap **Disturb rules** and choose an option:
 - **Priority only:** Only notifications you have marked as priority are allowed. Set these under Priority interruptions.
 - **Alarms only:** Only alarms are allowed.
 - **Total silence:** No notifications are allowed.

NOTES:

- To set a Do not disturb exception for a specific app, press the **Home Key** >  > **Settings** > **Notifications**. Select the app you want, and then tap to enable **Override Do Not Disturb** to allow its notifications in Priority only mode.

- You can also enable Do not disturb mode from the Quick Settings menu. Swipe down twice to open Quick Settings, and then tap **Do not disturb**. Adjust the settings and tap **DONE** when ready or **MORE SETTINGS** for the full menu.
- To turn off Do not disturb mode quickly, press the **Volume Key** and then tap **END NOW**.

Applying New Wallpapers

You can set the wallpaper for the home screen and lock screen.

1. Press and hold an empty area on the home screen.
2. Tap **Wallpapers**.
3. Tap **Lock screen** or **Home screen**.
4. Swipe left or right on the wallpaper panel to select a wallpaper, or tap **GALLERY** or **LIVE WALLPAPER** to choose the image or animation you want to use as the wallpaper.

NOTES:

- Alternatively, you can press the **Home Key** >  > **Settings** > **Display** > **Wallpaper** to pick an image from Gallery, Photos, or Wallpapers, or an animation from Live Wallpapers.
- Some cropping may be needed for Gallery and Photos images.

Setting the Theme

1. Press and hold an empty area on the home screen.
2. Tap **Themes**.
3. Tap a theme to select it.

Setting the Home Screen Transition Effect

1. Press and hold an empty area on the home screen.
2. Tap **Home**.
3. Tap an effect and the phone will demonstrate how it works. When you have found one you like, press the **Home Key** to exit.

Changing the Screen Brightness

1. Press the **Home Key** >  > **Settings** > **Display** > **Brightness level**.
2. Drag the slider to manually adjust the screen brightness.

NOTES:

- With the proximity and light sensor, your phone can automatically adjust the screen brightness for available light. Tap **Adaptive brightness** in the Display settings screen to turn the feature on or off.
- You can also use the Quick Settings to manage the screen brightness (see *Knowing the Basics – Managing Notifications – Using Quick Settings*).

Protecting Your Phone With Screen Locks

You can protect your phone by creating a screen lock. When enabled, you can press and hold a blank area on the home screen, and then draw a pattern or enter a numeric PIN or password to unlock the phone's screen and keys.

1. Press the **Home Key** >  > **Settings** > **Security**.
2. Tap **Screen lock**.
3. Tap **None**, **Long press**, **Pattern**, **PIN**, or **Password**.
 - Tap **None** to disable screen lock protection.
 - Tap **Long press** to enable screen lock and allow unlocking with a “press and hold” gesture. You can unlock the screen by tapping and holding a blank area on the lock screen.
 - Tap **Pattern** to create a pattern that you must draw to unlock the screen.
 - Tap **PIN** or **Password** to set a numeric PIN or a password that you must enter to unlock the screen.
4. Tap **CONTINUE**.
5. For Pattern, PIN, or Password lock, select how you would like notifications and their contents to show when the phone is locked, then tap **DONE**.

Personalizing

NOTES:

- Screen lock options are listed in the approximate order of the strength of their security, starting with **None** and **Long press**, which provide no security. A pattern provides minimal security, although it can be more convenient than the stronger options.
- Remember the pattern, PIN, or password you set. Otherwise, you will have to upgrade the phone software to use the phone (see *Upgrading the Phone Software*).

Protecting Your Phone With Screen Pinning

You can use the screen pinning feature to keep an app in view, so others cannot switch to other apps or access your personal information.

Turning on Screen Pinning

- Press the **Home Key** >  > **Settings** > **Security** > **Screen pinning**.
- Tap the **On/Off** switch.
- If you have set a screen lock, you can tap **Ask for unlock pattern/PIN/password before unpinning**. You will need to draw the pattern or enter the PIN/password to unpin the screen.

Pinning a Screen

- Ensure that screen pinning is turned on.
- Open the app you want to keep in view.
- Press the **Recent Apps Key**.
- If there are many app tabs, swipe up to find  on the front-most tab.
- Tap .

Unpinning the Screen

- To unpin the screen and return to normal use, press and hold the **Back Key**.
- If you have checked **Ask for unlock pattern/PIN/password before unpinning** when pinning the screen, press and hold on the lock screen and draw the pattern or enter the PIN/password.

Knowing the Basics

Monitoring the Phone Status

The Status Bar at the top of the home screen provides phone and service status icons on the right side. Below are some of the icons you may see.

Indicators and Icons

Indicator	What it means
	4G LTE™ connected
	3G connected
	Airplane mode
	No signal
	Signal strength
	No micro-SIM card installed
	Vibration mode
	Silent mode

Indicator	What it means
	Alarm set
	Battery low
	Battery full
	Battery charging
	Bluetooth on
	Connected to a Wi-Fi network
	Wi-Fi in use
	GPS on

Managing Notifications

The Status Bar at the top of the home screen provides notification icons on the left side. Below are some of the icons you may see.

Indicators and Icons

Indicator	What it means	Indicator	What it means
	New message		Upcoming event
	New email message		Incoming file via <i>Bluetooth</i>
	New Gmail message		New Wi-Fi network detected
	Missed call		Downloading data
	Call in progress		Sending data
	USB connected		Portable Wi-Fi hotspot is on
	Song playing		Wired headset connected

Opening/Closing the Notification Panel

Notifications report the arrival of new messages, calendar events, and alarms, as well as ongoing events. You can open the Notification Panel to view the details of notifications.

- To open the Notification Panel, swipe your finger down from the top of the screen.
- To close the Notification Panel, swipe your finger up from the bottom of the screen or press the **Back Key**.

Responding to or Removing a Notification

In the Notification Panel, you can respond to a notification or remove the notifications. The Notification Panel also supports expandable notifications that let you perform additional actions right from the notification itself.

- To respond to a notification, tap it.
- Slide down with one finger to expand certain notifications. You can also swipe two fingers vertically or pinch-zoom to expand or collapse certain notifications.
- To remove a notification, swipe it left or right.
- To remove all notifications, tap **CLEAR ALL** at the end of the list of notifications.
- To manage notifications, press and hold a notification and tap **MORE SETTINGS**. You can then configure the notification settings of the app that created it. The options may include the following:
 - **Block all:** Hide future notifications from the app.
 - **Show silently:** Do not allow the app's notifications to make sound, vibrate, or appear briefly on screen.
 - **On the lock screen:** Show, hide all, or hide sensitive contents of the app's notifications on the lock screen.
 - **Override Do Not Disturb:** Allow this app's notifications when Do not disturb mode is on and set to Priority only.

NOTE: If you block notifications for an app, you may miss its important alerts and updates. The notifications of some apps cannot be blocked.

Using Quick Settings

The Quick Settings in the Notification Panel make it convenient to view or change the most common settings for your phone.

Swipe down with two fingers from the top of the screen, or open the Notification Panel and drag the panel downward to view the following Quick Settings. Swipe left or right to view more options; tap  to add more.

- **Brightness:** Uncheck **AUTO** and drag the slider to adjust the screen brightness.
- **Bluetooth:** Tap to turn *Bluetooth* on or off. Press and hold to open the *Bluetooth* menu. (See *Connecting to Networks and Devices – Connecting to Bluetooth Devices*.)
- **Wi-Fi:** Tap to turn Wi-Fi on or off. Press and hold to open the Wi-Fi menu. (See *Connecting to Networks and Devices – Connecting to Wi-Fi*.)
- **Data:** Tap to turn mobile data service on or off. Press and hold to open the Data usage menu. (See *Connecting to Networks and Devices – Connecting to Mobile Networks – Controlling Mobile Data Use*.)
- **Location:** Tap to turn location services on or off. Press and hold to open the Location menu. (See *Settings – Personal – Location*.)
- **Airplane mode:** Tap to turn Airplane mode on or off. Press and hold to access additional network settings.
- **Flashlight:** Tap to turn the flashlight on or off.
- **Sync:** Tap to turn auto-sync of accounts data on or off. Press and hold to open the Accounts menu. (See *Accounts and Settings – Personal – Accounts*.)
- **Do not disturb:** Tap to turn on Do not disturb mode and select options. Tap **MORE SETTINGS** for more options, or tap **DONE** to turn on Do not disturb mode with the options you have selected. Tap again to turn off Do not disturb mode. Press and hold to open the Do not disturb menu. (See *Personalizing – Using Do Not Disturb Mode*.)
- **Auto-rotate / Portrait:** Tap to turn auto-rotation of the screen on or off. Press and hold to open the Display menu.

- **Battery Saver:** Tap to turn Battery saver on or off. Press and hold to open the Battery saver menu. (See *Settings – Device – Battery*.)
- **Sound / Vibrate / Silent:** Tap to switch between sound, vibration, and silent mode. (See *Personalizing – Switching Notification Mode – Switching to Silent or Vibration Mode*.)
- **Hotspot:** Tap to turn the Wi-Fi hotspot feature on or off. Press and hold to open the Wi-Fi hotspot menu. (See *Connecting to Networks and Devices – Sharing Your Mobile Data Connection – Sharing Mobile Data Through a Wi-Fi Hotspot*.)
- **Data Saver:** Tap to turn Data Saver on or off. Press and hold to open the Data usage menu. (See *Settings – Wireless & Networks – Data Usage*.)
- **Nearby:** Tap to open the Nearby menu. Nearby shows you apps and websites for what's around you.

NOTE: At the top of the Quick Settings screen, tap  to add, remove, or rearrange Quick Settings icons, and tap  to open the Settings menu.

Managing Shortcuts and Widgets

Adding Shortcuts and Widgets

1. Press the **Home Key** >  to view apps.

Or, to view widgets, press and hold an empty area of the home screen and tap **Widgets**.

2. Slide up or down to browse the available apps; slide left or right to browse the available widgets.
3. Press and hold a widget or an app icon and drag it to a home screen panel.

NOTE: While holding the item, you can drag it to the right edge of the screen to create a new home screen panel and put the item on it.

Moving Shortcuts or Widgets

1. Press and hold a widget or shortcut on the home screen.
2. Drag it to the place you need.

Removing Shortcuts or Widgets

1. Press and hold a widget or shortcut on the home screen.
2. Drag it to  to remove it.

Adjusting Widget Size

1. Press and hold a widget on the home screen and then release it.
2. An outline appears around the widget. Drag the outline to resize the widget.

NOTE: Not all widgets can be resized.

Organizing With Folders

You can create folders on the home screen and add several shortcuts to a folder. You can move or remove folders the same way as moving or removing shortcuts.

1. On the home screen, press and hold the shortcut you want to add into a folder.
2. Drag the shortcut to . A new folder will be created with the shortcut inside.
3. To add more shortcuts to the folder, press and hold each shortcut and drag it over the folder before releasing it.
4. To remove a shortcut from a folder, tap the folder to open it. Press and hold the shortcut and drag it to the home screen.

NOTES:

- Tap the folder and then tap the name field to rename the folder.
- To delete a folder, drag it to .

Uninstalling or Disabling an Application

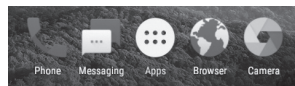
1. Press the **Home Key** >  to open the application list screen.

2. Press and hold an application icon and drag the icon to  or  at the top of the screen.
3. Tap **OK** to uninstall or disable the app.

NOTE: To find the disabled applications, press the **Home Key** >  > **Settings** > **Apps**. Tap **All apps** and select **Disabled**. You can then tap an application and tap **ENABLE** to enable it. Not all applications can be uninstalled or disabled.

Rearranging the Primary Shortcuts

The home screen includes a customizable primary shortcuts area at the bottom of all home screens. You can keep up to four items (in addition to Apps) in the primary shortcuts area. Drag shortcuts or folders in or out of the area.



Opening and Switching Apps

Opening an App

1. Press the **Home Key** > .
2. Slide up or down on the screen and tap an app to open it.

Switching Between Recently Opened Apps

1. Press the **Recent Apps Key**. A list of the names and thumbnails of apps you've recently used opens. If you've been using more apps recently than can fit on the screen, you can scroll the list up and down.
2. Tap a thumbnail to open that app.

NOTE: You can swipe a thumbnail left or right or tap  on the thumbnail to remove it from the list. Tap **Clear all** to remove all thumbnails.

Using Two Apps in Split-Screen Mode

You can work with two apps at the same time in split-screen mode.

NOTE: Not all apps support split-screen mode.

Method one:

1. Press the **Recent Apps Key** to view your recently used apps.
2. Press and hold the tab of the first app you want to use, and then drag it to **Drag here to use split screen**.
3. If the second app you want to use is in the recent apps list, tap its tab. If not, press the **Home Key** >  to find and open the app you need.

Method two:

1. Open the first app you want to use, and then press and hold the **Recent Apps Key**.
2. Find and open the second app you want to use, either by tapping a tab in the recent apps list or by pressing **Home Key** > .

To turn off split-screen mode, drag  to the top or bottom of the screen.

Entering Text

You can enter text using the on-screen keyboard. Some apps open it automatically. In others, you open it by tapping where you want to type. You can press the **Back Key** to hide the on-screen keyboard. You can also enter text by speaking with the Google voice-typing feature.

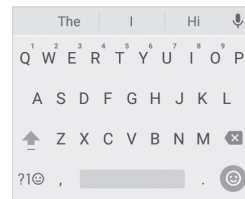
Enabling or Disabling Input Methods

1. Press the **Home Key** >  > **Settings** > **Languages & input**.
2. Tap **Virtual keyboard** > **Manage keyboards**.
3. Slide the switches beside the input methods to enable or disable them.

NOTE: Some default input methods may not be disabled.

Google Keyboard

The Google Keyboard provides a layout similar to a desktop computer keyboard. Turn the phone sideways and the keyboard will change from portrait to landscape. The landscape keyboard is not supported in all applications.



- Tap the alphabetic keys to enter letters. Press and hold some specific keys to enter associated accented letters or numbers. For example, to enter È, press and hold  and the available accented letters and number 3 appear. Then slide to choose È.
- Tap  to use uppercase. Double-tap  to lock uppercase. This key also changes color to indicate the current case you are using.
- Tap  to delete the text before the cursor.
- Tap  to select numbers and symbols. You can then tap  to find more.
- Tap  to enter miniature icons such as expressions, astrological signs, and animals.
- Tap  to use Google's networked voice input.
- Press and hold  to change the input language or set up the Google Keyboard.
- Press and hold  and slide to  to change to a smaller keyboard for easier one-handed typing. Tap  /  to switch to the right-hand or left-hand keyboard, respectively. Tap  to switch back to the full-sized keyboard.

Gesture Typing

The Google Keyboard supports the gesture typing feature. You use this feature to input a word by sliding through the letters.

To enable and use gesture typing:

1. On the Google Keyboard, press and hold  > **Google Keyboard settings**.
Or, press the **Home Key** >  > **Settings** > **Languages & input** > **Virtual keyboard** > **Google Keyboard**.
2. Tap **Gesture typing** > **Enable gesture typing** if the feature is turned off.
3. Move your finger from letter to letter on the keyboard to trace a word without lifting the finger until you reach the end of the word.



NOTES:

- Tap to type when you want to. If you want to enter a single letter, simply tap the key once.
- Lift your finger at the end of the word. A space is added automatically when you begin to input the next word.

Google Voice Typing

Google voice typing uses the Google voice recognition service to convert speech to text. You must have a data connection on a mobile or Wi-Fi network to use it.

1. Tap  to access the voice-typing feature.
2. When you see the microphone image, speak what you want to type.
3. You can continue entering text or tap an underlined word to change or delete it.

NOTE: Say “comma,” “period,” “question mark,” “exclamation mark,” or “exclamation point” to enter punctuation.

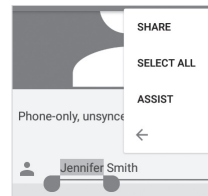
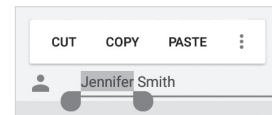
Input Method Settings

Choose the input method settings by pressing the **Home Key** >  > **Settings** > **Languages & input**.

In the Keyboard & input methods section, you can set the current input method and choose the settings for input methods.

Editing Text

- **Move the insertion point:** Tap where you want to type. The cursor blinks in the new position, and a tab appears below it. Drag the tab to move the cursor.
- **Select text:** Press and hold or double-tap within the text. The nearest word highlights, with a tab at each end of the selection. Drag the tabs to change the selection. Tap  > **SELECT ALL** to select all the text, tap **SHARE** and choose an option, or tap **ASSIST** for Google search.
- **Cut or copy:** Select the text you want to manipulate. Then tap **CUT** or **COPY** to cut or copy the text to the clipboard.
- **Replace text with the clipboard text:** Select the text you want to replace. Then tap **PASTE**.



Connecting to Mobile Networks

Controlling Mobile Data Use

To enable or disable data access:

1. Press the **Home Key** >  > **Settings** > **Mobile networks**.
2. Slide the **Mobile Data** switch to enable or disable mobile data use.

To get data services when roaming internationally:

1. Press the **Home Key** >  > **Settings** > **Mobile networks**.
2. Slide the **Data roaming** switch to enable or disable roaming.

NOTE: Data roaming may incur significant roaming charges.

Setting Access Point Names

You can use the default Access Point Name (APN) to connect to the Internet. To view the APN, press the **Home Key** >  > **Settings** > **Mobile networks** > **Access Point Names**.

Connecting to Wi-Fi

Wi-Fi is a wireless networking technology that can provide Internet access at distances of up to 300 feet (100 meters), depending on the Wi-Fi router and your surroundings.

Turning Wi-Fi On and Connecting to a Wi-Fi Network

1. Press the **Home Key** >  > **Settings** > **Wi-Fi**.
2. Slide the switch to the **On**  position to turn on Wi-Fi.
3. Tap a network name to connect to it.
4. If the network is secured, enter the password and tap **CONNECT**.

NOTE: Your phone automatically connects to previously used Wi-Fi networks when they are in range.

Getting Notified of Open Networks

1. Press the **Home Key** >  > **Settings** > **Wi-Fi**.
2. Slide the switch to the **On**  position.
3. Tap .
4. Slide the **Network notification** switch to the **On**  position.

When Wi-Fi is on, you receive notifications in the Status Bar when your phone detects an open Wi-Fi network. Slide the **Network notification** switch to the **Off**  position to turn off notifications.

Adding a Wi-Fi Network

You can add a Wi-Fi network if the network does not broadcast its name (SSID) or add a Wi-Fi network when you are out of range.

To connect to a secured network, you first need to get the security details from the network's administrator.

1. Press the **Home Key** >  > **Settings** > **Wi-Fi**.
2. Slide the switch to the **On**  position.
3. At the bottom of the list of available Wi-Fi networks, tap **Add network**.
4. Enter the network SSID (name). If necessary, enter security or other network configuration details.
5. Tap **SAVE**.

Forgetting a Wi-Fi Network

You can make your phone forget the details of a Wi-Fi network that you added—for example, if you don't want the phone to connect to it automatically or if it is a network that you no longer use.

1. Press the **Home Key** >  > **Settings** > **Wi-Fi**.
2. Slide the switch to the **On**  position.
3. Tap the Wi-Fi network name, and then tap **FORGET**.

Connecting to a WPS Network

Wi-Fi Protected Setup (WPS) is a feature that makes it easy to add your phone to the access points that supply WPS.

You can use one of the following methods to connect your phone to a wireless network using WPS.

Method one: WPS button (Recommended)

1. Press the **Home Key** >  > **Settings** > **Wi-Fi**.
2. Slide the switch to the **On**  position.
3. Tap  > **Advanced** > **WPS Push Button**.
4. Press the WPS button on the wireless router and the access point will recognize your phone and add it to the network.

Method two: PIN

1. Press the **Home Key** >  > **Settings** > **Wi-Fi**.
2. Slide the switch to the **On**  position.
3. Tap  > **Advanced** > **WPS Pin Entry**.
4. The WPS PIN displays on the screen. Enter the PIN into the access point's setup page. After entering the PIN, your phone automatically finds the access point and configures the connection.

NOTE: For detailed information about the WPS feature of the access point, please refer to its documentation.

Adjusting Advanced Wi-Fi Settings

1. Press the **Home Key** >  > **Settings** > **Wi-Fi**.
2. Slide the switch to the **On**  position.
3. Tap  to adjust the following settings:
 - **Network notification:** Get notifications in the Status Bar when Wi-Fi is on and an open network is available.

- **Keep Wi-Fi on during sleep:** Set whether to keep Wi-Fi on in Sleep mode.
 - **MAC address:** Check the MAC address.
 - **IP address:** Check the phone's IP address.
4. From the main Wi-Fi menu, tap  > **Advanced** to adjust the following settings:
 - **Install certificates:** Install certificates needed for connecting to certain Wi-Fi networks.
 - **WPS Push Button:** Connect to a WPS network via the push button method.
 - **WPS Pin Entry:** Connect to a WPS network via the phone PIN method.

Connecting to Bluetooth Devices

Bluetooth is a short-range wireless communication technology. Phones or other devices with *Bluetooth* capabilities can exchange information wirelessly within a distance of about 30 feet (10 meters). The *Bluetooth* devices must be paired before the communication is performed.

Turning Bluetooth On/Off

1. Press the **Home Key** >  > **Settings** > **Bluetooth**.
 2. Slide the switch to the **On**  or **Off**  position.
- When *Bluetooth* is on, the  icon will appear in the Status Bar.

Changing the Device Name

1. Press the **Home Key** >  > **Settings** > **Bluetooth**.
2. Slide the switch to the **On**  position if *Bluetooth* is off.
3. Tap  > **Rename this device**.
4. Edit the name and tap **RENAME**.

Pairing With Another Bluetooth Device

1. Press the **Home Key** >  > **Settings** > **Bluetooth**.

- Slide the switch to the **On**  position if *Bluetooth* is off.
Your phone automatically scans for and displays the IDs of all available *Bluetooth* devices in range. Tap  > **Refresh** if you want to scan again.
- Tap the device you want to pair with.
- If necessary, confirm that the *Bluetooth* passkeys are the same between the two devices and tap **PAIR**. Alternatively, enter a *Bluetooth* passkey and tap **PAIR**.
Pairing is successfully completed when the other device accepts the connection or the same passkey is entered.
NOTE: The *Bluetooth* passkey may be fixed for certain devices, such as headsets and hands-free car kits. You can try entering 0000 or 1234 (the most common passkeys) or refer to the documents for that device.

Forgetting a *Bluetooth* Device

You can make your phone forget its pairing connection with another *Bluetooth* device. To connect to the device again, you need to search for it and enter or confirm a passkey again.

- Press the **Home Key** >  > **Settings** > **Bluetooth** and ensure that *Bluetooth* is turned on.
- In the list of paired devices, tap  beside the *Bluetooth* device you want to forget.
- Tap **FORGET**.

Sending Data via *Bluetooth*

- Open the appropriate application and select the file or item you want to share.
- Select the option for sharing via *Bluetooth*. The method may vary by application and data type.
- Tap a *Bluetooth* device the phone has paired with or wait for it to search for new devices and tap one of them.

Receiving Data via *Bluetooth*

- Turn *Bluetooth* on before trying to receive data via *Bluetooth*.
NOTE: If the phone has not been paired with the sending device, you may need to open the *Bluetooth* menu in Settings to keep the phone detectable through *Bluetooth*.
 - When prompted, tap **ACCEPT** to start receiving the data. Swipe down on the Status Bar to locate the prompt, if needed.
- Received files are stored automatically in a dedicated folder (*Bluetooth*, for instance). You can access them in the File Manager app. Received contacts (vCard files) are automatically imported to your contact list.

Connecting to Your Computer via USB

You can connect your phone to a computer with a USB cable and transfer music, pictures, and other files in both directions. Your phone stores these files in internal storage or on a removable microSDHC card.

Connecting Your Phone to a Computer via USB

- Connect your phone to the PC with a USB cable.
- Choose one of the following options:
 - Charge only:** Charge your phone via USB.
 - Install driver:** Select this option when features (Connect to PC software, Media device) are enabled for the first time, or when they're unavailable.
NOTE: You can also install the driver on the PC by running the executable file in the CD-ROM drive.
 - Media device (MTP):** Transfer media files on Windows®, or using Android™ File Transfer on Mac®.
NOTE: For Windows XP, install the drivers and Windows Media® Player 11 (or later version) when you use Media device (MTP) for the first time.
 - Camera (PTP):** Transfer photos using camera software.

NOTE: To make your phone connect to the computer automatically using the selected connection type, check **Don't ask me again**.

Disconnecting Your Phone From the Computer

To disconnect the phone from the computer, simply unplug the USB cable when you're finished.

Setting Up the microSDHC Card as Portable Storage

When you install a microSDHC card that has not been used in your phone before, the phone will mount the card as portable storage by default.

Removing the microSDHC Card From Your Phone

If you need to remove the microSDHC card while the phone is on, you must unmount it first.

1. Press the **Home Key** >  > **Settings** > **Storage**.

2. Tap  next to the SD card name in the Portable storage section.

NOTE: Before ejecting the card, ensure that you have moved data and apps to the internal storage.

3. When the SD card's state is **Ejected**, you can now remove it from the phone.

Mounting the microSDHC Card

1. If the microSDHC card is ejected, press the **Home Key** >  > **Settings** > **Storage**.

2. Tap the SD card name and then tap **MOUNT**.

Erasing and Formatting the microSDHC Card

1. Press the **Home Key** >  > **Settings** > **Storage**.

2. Tap the SD card name in the Portable storage section.

3. Tap **Format**, and then tap **ERASE & FORMAT** > **DONE**.

CAUTION: The formatting procedure erases all the data on the microSDHC card, after which the files CANNOT be retrieved.

Sharing Your Mobile Data Connection

You can share your phone's data capabilities through tethering or by activating the Wi-Fi hotspot feature to create a mobile hotspot.

Sharing Your Mobile Data Connection via USB

You can access the Internet on your computer via the USB tethering feature of your phone. The feature requires a data connection on a mobile network and may result in data charges.

NOTE: You cannot transfer files between your phone and your computer via USB while the phone is USB tethered.

1. Connect your phone to your computer with a USB cable.

2. Press the **Home Key** >  > **Settings** > **More**.

3. Tap **USB tethering**. A new network connection will be created on your computer.

NOTE: To stop sharing your data connection, tap **USB tethering** again or disconnect the USB cable.

Sharing Mobile Data Through a Wi-Fi Hotspot

You can share your phone's data connection with other devices by turning your phone into a portable Wi-Fi hotspot. This feature requires a data connection on a mobile network and may result in data charges.

NOTE: When the portable Wi-Fi hotspot feature is enabled, you cannot use your phone's Wi-Fi capability to access the Internet. You still remain connected to the Internet via your mobile data network.

1. Press the **Home Key** >  > **Settings** > **Wi-Fi hotspot**.

2. Slide the switch to the **On**  position. (If Wi-Fi was active, tap **OK** to deactivate it.) After a moment, the phone starts broadcasting its Wi-Fi network name (SSID).

3. On another device, locate your phone via Wi-Fi and connect with it to start using the phone's mobile data.

NOTE: To stop sharing your data connection, slide the switch to the **Off**  position.

Setting Up Your Wi-Fi Hotspot

You can change your phone's Wi-Fi network name (SSID), secure your portable Wi-Fi hotspot, and set other options.

1. Press the **Home Key** >  > **Settings** > **Wi-Fi hotspot**.
2. Tap an option to configure settings.
 - **Configure:**
 - **Network name:** Enter or edit a network SSID (name) that other devices see when scanning for Wi-Fi networks.
 - **Channel:** Change channels in case of interference.
 - **Security:** Choose a security option: **Open** (not recommended) or **WPA2 PSK** (other users can access your hotspot only if they enter the correct password). When you select WPA2 PSK, tap the **Password** field to edit the security password.
 - **Show password:** If you have chosen WPA2 PSK security, check or uncheck to show or hide the password.
 - **Broadcast network name (SSID):** Check to broadcast or uncheck to hide your network name (SSID). If the broadcast is disabled, other users need to know your network SSID to find the Wi-Fi hotspot.
 - **Manage users:** Block or unblock users, set the maximum number of devices that can connect to the hotspot simultaneously, and view a list of connected users.
 - **Sleep policy:** Set hotspot sleep policy and notification.

Connecting to Virtual Private Networks

Virtual private networks (VPNs) allow you to connect to the resources inside a secured local network. VPNs are commonly deployed by corporations, schools, and other institutions to let people access local network resources when not on campus, or when connected to a wireless network.

Depending on the type of VPN you are using, you may be required to enter your login credentials or install security certificates before you can connect to your VPN. You can get this information from your network administrator.

NOTE: You need to set a lock screen pattern, PIN, or password before you can use credential storage (VPN).

Adding a VPN

1. Press the **Home Key** >  > **Settings** > **More** > **VPN**.
2. Tap  and enter the VPN name.
3. Enter the server address and other information provided by your network administrator. Check **Show advanced options** to fill out additional details.
4. Tap **SAVE**.

The VPN is added to the list on the VPN screen.

Connecting to a VPN

1. Press the **Home Key** >  > **Settings** > **More** > **VPN**.
2. Tap the VPN that you want to connect to.
3. When prompted, enter any requested credentials and then tap **CONNECT**.

Modifying a VPN

1. Press the **Home Key** >  > **Settings** > **More** > **VPN**.
2. Tap  beside the VPN that you want to modify.
3. Edit the VPN settings and then tap **SAVE**.

You can place calls from the Phone app, the Contacts app, or other apps or widgets that display contact information. Wherever you see a phone number, you can usually tap it to dial.

Placing and Ending Calls

Placing a Call by Dialing

1. Press the **Home Key** >  > .
2. Enter the phone number with the on-screen keypad. Tap  to delete incorrect digits.
NOTE: As you enter digits, your phone searches for contacts that match. If you see the number you want to dial, tap it to place the call immediately without entering the rest of the number.
3. Tap  below the keypad to dial.

You can also tap the search box at the top of the Phone app screen and enter the phone number or contact name you want to call. Tap the matching contact or **Call [number]** to place the call.

NOTES:

- To make an international call, press and hold the **0 Key** to enter the plus (+) symbol. Next, enter the country code followed by the city/area code and then the phone number.
- To redial the last call you made, press the **Home Key** >  >  >  and tap  again.

Ending a Call

During a call, tap  on the screen.

Answering or Rejecting Calls

When you receive a phone call, the Incoming Call screen opens, displaying the Caller ID or the information about the caller that you've entered in the Contacts app. You can answer or reject the call, or reject it with a text message.

Answering a Call

To answer an incoming call,

- If the phone screen is active, tap .
- If the phone screen is locked, slide  down to .

NOTE: To silence the ringer before answering the call, press the **Volume Key** or the **Power/Lock Key**.

Rejecting a Call

To reject an incoming call,

- If the phone screen is active, tap .
- If the phone screen is locked, slide  up to .

You can also reject the call and select a preset text message or write one to send to the caller.

- If the phone screen is active, tap .
- If the phone screen is locked, tap **Message reject**.

NOTE: To edit the text response from within the Phone app, tap  > **Settings** > **Quick responses**.

Working With the Call History

The call history is a list of all the calls you've placed, received, or missed. It provides a convenient way to redial a number, return a call, or add a number to your Contacts.

To open the call history, press the **Home Key** >  > **RECENTS**. (If the dialpad is visible, swipe down on the screen or press the **Back Key** to close it.)

Placing a Call from the Call History

1. Open the call history.
2. Tap  beside a listing to call back.

NOTE: You can tap **View full call history** to see more entries, and then tap , , or  to filter the records by call type.

Adding a Call History Number as a Contact

1. Open the call history.
2. Tap the contact icon in front of a number.
3. Tap  on the contact information tab.
4. To add a new contact, tap  at the top. (See *Contacts – Adding a New Contact*.) To add the number to an existing contact, tap a contact in the list.
5. After typing the contact information in the fields, tap  to save it.

- or -

1. Open the call history.
2. Tap a listing.
3. To create a new contact, tap **Create new contact** below the call number. (See *Contacts – Adding a New Contact*.)

To add the number to an existing contact, tap **Add to a contact** below the call number. Tap a contact in the list.

4. After typing the contact information in the fields, tap  to save it.

Taking Other Actions on a Call History Entry

Open the call history and tap a listing.

- Tap  to create a new contact with the number.
- Tap  to add the number to an existing contact.
- Tap  to send a text message to the number.
- Tap  to view more call information. Tap an option:
 - **Block number** to block calls and messages from the number.
 - **Copy number** to copy the number to the clipboard.
 - **Edit number before call** to edit the number in the dialer before calling it.
 -  to delete the listing from your call history.

- Tap the contact icon in front of the listing to open the contact information tab. From here, you can send a message, call back, edit the contact, add the contact to favorites, or add the number to contacts.

NOTE: You can tap **View full call history** >  > **Clear call history** in the call history screen to delete all history records.

Calling Your Contacts

1. Press the **Home Key** > .
2. Tap **FAVORITES**. Your favorite and frequently called contacts are displayed in the tab. Tap one to place a call.
- or -
- Tap **CONTACTS**. Your full contact list is displayed. Tap  beside a contact to place a call.

Checking Voicemail

If you have set the phone to divert certain calls to voicemail, callers can leave voicemail messages when they cannot reach you. Here's how to check the messages they left.

1. Press the **Home Key** >  > .
2. Press and hold the **1 Key** in the dialer. If prompted, enter your voicemail password.
3. Follow the voice prompts to listen to and manage your voicemail messages.

NOTE: See *Phone Calls – Adjusting Your Call Settings – Setting Voicemail* for how to set your voicemail service. For detailed information, please contact your service provider.

Using Options During a Call

During a call, you will see a number of on-screen options. Tap an option to select it.

- Tap  to switch to the dialpad when you need to enter a code (for example, the PIN for your voicemail or bank account) during the call.
- Tap  to mute or unmute the microphone.
- Tap  to turn the speaker on or off.
- Tap  to access contacts.

- Tap  to make another call separately from the first call, which is put on hold.
- Tap  when connected to two calls to put the caller you are speaking to on hold and switch to the other call, currently on hold.
- Tap  to end the current call.

WARNING! Because of higher volume levels, do not place the phone near your ear during speakerphone use.

Managing Multi-party Calls

When the call waiting feature is available, you can switch between two calls. When you're on a call, your phone screen informs you that another call is coming in and displays the caller ID.

NOTE: The call waiting feature needs network support and may result in additional charges. Please contact your service provider for more information.

To respond to an incoming call while you're on a call:

- Tap  to answer the call. This puts the first caller on hold and answers the second call.
- Tap  to reject the second call.
- Tap  to reject the second call and select a preset text message or write one to send to the caller.

To switch between two calls:

Tap .

Adjusting Your Call Settings

Setting Contact Display Options

You can set the order of the contacts displayed in the Contacts tab of the Phone app.

1. Press the **Home Key** >  >  > **Settings** > **Display options**.
2. Tap **Sort by** or **Name format** to set the order of the contacts and the format of the contact names.

Setting Sounds and Vibration

Set the sounds and vibration for incoming calls as well as dialpad sounds.

1. Press the **Home Key** >  >  > **Settings** > **Sounds and vibration**.
2. Tap the option you want to configure:
 - Tap **Phone ringtone** to select the ringtone for incoming call notification.
 - Check **Also vibrate for calls** to enable vibration for incoming call notification.
 - Check **Dialpad tones** to play sounds when you tap the dialpad keys.

Setting Answer and End Calls

1. Press the **Home Key** >  >  > **Settings** > **Answer and end calls**.
2. Check **Power button ends call** to enable ending calls by pressing the Power/Lock Key.

Setting Speed Dials

You can press and hold the 1-9 Keys from the dialer to call the corresponding speed dial number. The 1 Key is reserved to speed dial your voicemail.

To assign a speed dial key:

1. Press the **Home Key** >  >  > **Settings** > **Speed dial**.
2. Tap a speed dial entry.
3. Enter a phone number or tap  to select one from the contact list.
4. Tap **OK**.

Editing Quick Response to Rejected Callers

1. Press the **Home Key** >  >  > **Settings** > **Quick responses**.
2. Tap a text message to edit it.
3. Tap **OK** to save the message.

Setting Voicemail

1. Press the **Home Key** >  >  > **Settings** > **Call settings**.
2. Tap **Voicemail** to configure voicemail settings.
 - Tap **Service** to select the voicemail service provider. Your carrier is the default.
 - Tap **Setup** > **Voicemail number** to edit to view the voicemail number.
 - Tap **Sound** to select the notification ringtone for new voicemails.
 - Check **Vibrate** to enable vibration for notifications.

Setting DTMF Tones

You can set the length of dual-tone multi-frequency (DTMF) signal tones.

1. Press the **Home Key** >  >  > **Settings** > **Call settings** > **DTMF tones**.
2. Tap **Normal** or **Long**.

Setting Voice Over LTE Preferred

Voice over LTE preferred allows transferring of voice over LTE networks and provides faster call connections and better call quality.

1. Press the **Home Key** >  >  > **Settings** > **Call settings**.
2. Tap **Voice over LTE preferred** to turn this feature on or off.

Forwarding Incoming Calls

The call forwarding feature allows you to forward your incoming calls to another phone number.

1. Press the **Home Key** >  >  > **Settings** > **Call settings** > **Call forwarding**.
2. Tap an available option (**Always forward**, **Forward when busy**, or **Forward when unanswered**) to enable it, or tap **Cancel All Forwarding** to disable it.

Setting Voice Privacy

This option allows you to enable enhanced privacy mode.

1. Press the **Home Key** >  >  > **Settings** > **Call settings** > **Additional settings**.
2. Check **Voice privacy** to enable this feature.

Setting Plus Code Dialing

Plus Code Dialing allows the phone to automatically dial the international access code for your location when you press and hold the 0 Key in the dialer.

To activate Plus Code Dialing:

1. Press the **Home Key** >  >  > **Settings** > **Call settings** > **Additional settings** > **Plus code dialing setting**.
2. Check **Setup Plus Code Replacement** to replace + with the international dialing code.

To change the international dialing code:

1. Press the **Home Key** >  >  > **Settings** > **Call settings** > **Additional settings** > **Plus code dialing setting** > **Replace Code of Plus Code**.
2. Enter a new code and tap **OK**.

Blocking Certain Calls

Call blocking allows you to block calls and messages from certain numbers.

1. Press the **Home Key** >  >  > **Settings** > **Call blocking**.
2. Tap **ADD A NUMBER**.
3. Enter the phone number or tap  > **Contacts** and select one from the contact list.
4. Tap **BLOCK**.

NOTE: To unblock a number, go to the Call blocking menu, tap  to the right of the number, and tap **UNBLOCK**.

Phone Calls

Setting TTY Mode

Your phone is a TTY compatible device. A TTY device can allow people who have hearing or speech disabilities to communicate by telephone. Simply connect the TTY device to the phone's headset jack.

1. Press the **Home Key** >  >  > **Settings** > **Accessibility** > **TTY mode**.
2. Select one of the following options. Consult your teletypewriter manufacturer's manual if necessary.
 - **TTY Off:** Users who can hear and talk can disable TTY support.
 - **TTY Full:** Users who cannot talk or hear may use this mode to send and receive text messages through a TTY device.
 - **TTY HCO:** Users who can hear, but cannot talk, may use this mode to listen to conversation of the other party, and respond via text messages.
 - **TTY VCO:** Users who can talk, but cannot hear, may use this mode to talk through the phone and receive responses via text messages.

Setting Hearing Aids

Your phone supports HAC (Hearing Aid Compatibility) function. When you turn on the hearing aid compatibility and use a hearing aid with a telecoil to answer the phone, it will help you hear more clearly during the phone call.

1. Press the **Home Key** >  >  > **Settings** > **Accessibility**.
2. Check **Hearing aids** to turn on hearing aid compatibility.

CAUTION: Do not turn on the Hearing aids option unless you use a hearing aid with a telecoil. Using this setting without a hearing aid or with a hearing aid without a telecoil may be harmful to your hearing.

Contacts

You can add contacts on your phone and synchronize them with the contacts in your Google account or other accounts that support contact syncing.

To see your contacts, press the **Home Key** >  > **Contacts**. From there, you can tap the tabs to quickly switch to your contact groups or favorite contacts.

Checking Contact Details

1. Press the **Home Key** >  > **Contacts** > **CONTACTS**.
2. Scroll through the list to view all your contacts.
3. Tap a contact to view its details.

NOTE: If you have a lot of contacts stored, you'll see a slider on the right side of the screen. To go directly to a letter, press and hold the slider and drag it to a letter.

Adding a New Contact

1. Press the **Home Key** >  > **Contacts** > **CONTACTS**.
2. Tap  to add a new contact.

NOTE: If you have no contacts added yet, tap **CREATE A NEW CONTACT**.
3. Enter the contact name, phone numbers, and email addresses. Tap **More Fields** to enter other information. If you have multiple account types associated with your phone, tap the contact account field at the top and select a contact type. If a sync account is selected, the contacts will be synced automatically with your account online.
4. Tap  to save the contact.

Setting Up Your Own Profile

You can create your own name card in your phone.

1. Press the **Home Key** >  > **Contacts** > **CONTACTS**.
2. Tap **Set up my profile**. If a profile has been set up, tap the listing below **ME** and tap .
3. Edit your profile information. Tap **More Fields** to add more information if desired.
4. Tap  to save.

Importing, Exporting, and Sharing Contacts

You can import/export contacts to/from phone storage, a microSDHC card, or your online accounts. This is especially useful when you need to transfer contacts between different devices. You can also quickly share your contacts using *Bluetooth*, Email, Messaging, Google Drive, or Gmail.

Importing Contacts From the microSDHC Card or Phone Storage

1. Press the **Home Key** >  > **Contacts**.
2. Tap  > **Import/Export** > **Import from storage**.
3. If prompted, choose the account you want to import your contacts to.
4. If prompted, select whether to import one, multiple, or all vCard files; if needed, select the vCard file(s).
5. Tap **OK**.

Exporting Contacts to the microSDHC Card or Phone Storage

1. Press the **Home Key** >  > **Contacts**.
2. Tap  > **Import/Export** > **Export to storage**.
3. The phone will prompt you with the name of the vCard file. Tap **OK** to create the file.

Sharing Contacts

1. Press the **Home Key** >  > **Contacts** > **CONTACTS**.
2. Tap  > **Multi-select**.
3. Tap the contacts you want to share to select them, and then tap .
4. Choose how to share the contacts. The options available depend on the applications and services installed.

NOTE: You can also share your contacts by choosing **Share visible contacts** in the Import/Export contacts menu.

Working With Favorite Contacts

You can add the contacts you use frequently to **FAVORITES** so that you can find them quickly.

Adding a Contact to Favorites

1. Press the **Home Key** >  > **Contacts** > **CONTACTS**.
2. Tap a contact and then tap  at the top of the screen.

Removing a Contact from Favorites

1. Press the **Home Key** >  > **Contacts** > **FAVORITES**.
2. Tap a favorite contact and then tap .

Working With Groups

Viewing Your Contact Groups

1. Press the **Home Key** >  > **Contacts** > **GROUPS**.
2. Scroll through the list to view the preset groups and any groups you have created.
3. Tap a group to view its members.

NOTE: To send a message to all or some of a group's members, you can tap  beside the group's name in the list.

Setting Up a New Group

1. Press the **Home Key** >  > **Contacts** > **GROUPS**.
2. Tap  to create a new group.
3. If you have added contact accounts other than the phone, tap to choose an account for the new group.
4. Tap **Group's name** and enter a name.
5. Tap **Add member** and select the contacts you wish to be the group members.

6. Tap .
7. If necessary, tap the field below **RINGTONE** or **NOTIFICATION RINGTONE** to set a special ringtone for incoming calls or messages from the group members, and then tap **OK**.
8. Tap  to save the group.

Deleting a Group

1. Press the **Home Key** >  > **Contacts** > **GROUPS**.
2. Tap a group and then tap  > **Delete group**.
3. Tap **OK** to disband the group. The contacts in the group will not be deleted.

Editing a Group

1. Press the **Home Key** >  > **Contacts** > **GROUPS**.
2. Tap a group >  > **Edit group**.
3. Tap the group name to edit it, or tap the field below **MEMBER, RINGTONE** or **NOTIFICATION RINGTONE** to add more members or change the ringtone.

NOTE: To remove group members, tap a group and then tap  > **Multi-select** and select the members you would like to remove. Tap  > **OK**.

Searching for a Contact

1. Press the **Home Key** >  > **Contacts** and then tap  to search.
2. Input the contact name or other information (such as phone number) you want to search for. The contacts matched will be listed.

Editing Contacts

Editing Contact Details

1. Press the **Home Key** >  > **Contacts** > **CONTACTS**.
2. Tap a contact and then tap .
3. Edit the contact and tap .

Setting a Ringtone for a Contact

Assign a special ringtone to a contact, so you know who is calling when you hear the ringtone.

1. Press the **Home Key** >  > **Contacts** > **CONTACTS**.
2. Tap a contact you want to set a ringtone for, and then tap  > **More Fields** > **Default ringtone**.
3. Select a ringtone you like and tap **OK**.
4. Tap .

Deleting a Contact

1. Press the **Home Key** >  > **Contacts** > **CONTACTS**.
2. Tap a contact you want to delete, and then tap  > **Delete**.
3. Tap **OK** to confirm.

Deleting Several Contacts

1. Press the **Home Key** >  > **Contacts** > **CONTACTS**.
2. Tap  > **Multi-select**.
3. Tap to select the contacts you want to remove, and then tap .
4. Tap **OK** to confirm.

Linking Contacts

As your phone synchronizes with multiple online accounts, you may see duplicate entries for the same contact. You can merge all the separate information of a contact into one entry in the Contacts list.

1. Press the **Home Key** >  > **Contacts** > **CONTACTS**.
2. Press and hold a contact to select it.
3. Tap to select the duplicate contact(s).
4. Tap .

Contacts

5. Tap **LINK** to confirm.

NOTES:

- The information from the second contact is added to the first, and the second contact is no longer displayed in the contacts list.
- You can repeat these steps to join another contact to the main contact.

Unlinking Contact Information

If contact information from different sources was joined in error, you can separate the information back into individual contacts on your phone.

1. Press the **Home Key** >  > **Contacts** > **CONTACTS**.
2. Tap a contact you want to separate.
3. Tap  >  > **Unlink**.
4. Tap **UNLINK** to confirm.

Accounts

Adding or Removing Accounts

You can add multiple Google accounts and Microsoft Exchange ActiveSync® accounts. You may also add other kinds of accounts, depending on the apps installed on your phone.

Adding an Account

1. Press the **Home Key** >  > **Settings** > **Accounts** > **Add account**.
2. Tap the type of account you want to add.
3. Follow the on-screen steps to enter the information about the account. Most accounts require a username and password, but the details may vary. You may also need to obtain some information from IT support or your system administrator.

When the account is successfully added, it is displayed in the Accounts menu in Settings.

Removing an Account

Removing an account will delete it and all information associated with it, such as emails and contacts, from your phone.

1. Press the **Home Key** >  > **Settings** > **Accounts**.
2. Tap the account category and then tap the account you'd like to remove.
3. Tap  > **Remove account** > **REMOVE ACCOUNT**.

Configuring Account Sync

Configuring Auto Sync Setting

1. Press the **Home Key** >  > **Settings** > **Accounts**.
2. Tap  and check or uncheck **Auto-sync data** to enable or disable automatic sync.
3. Tap **OK**.
 - When automatic sync is turned on, changes you make to information on your phone or on the web are automatically synced with each other.
 - When automatic sync is turned off, you need to sync manually to collect emails, updates, or other recent information.

Accounts

Syncing Manually

1. Press the **Home Key** >  > **Settings** > **Accounts**.
2. Tap the account category and then the account you want to sync.
3. Tap  > **Sync now**.

Changing an Account's Sync Settings

1. Press the **Home Key** >  > **Settings** > **Accounts**.
2. Tap the account category and then the account. The Sync settings screen appears, showing a list of information the account can sync.
3. Enable or disable items as you need. Enabled types of information on the phone and the web will be kept in sync when auto-sync is turned on. When auto-sync is disabled, tap a listing to sync that type of information between the phone and the web.

Email

Press the **Home Key** > . Use it to read and send emails. Select Microsoft Exchange ActiveSync, Gmail, Hotmail, Yahoo!®, or Others.

Setting Up the First Email Account

1. Press the **Home Key** > .
 2. Select an email server and then enter your email address and password.
 3. Tap **NEXT** to let the phone retrieve the network parameters automatically.
NOTE: You can also enter these details manually by tapping **MANUAL SETUP** or if automatic setup fails.
 4. Follow the on-screen instructions to finish setup.
- Your phone will show the inbox of the email account and start to download email messages.

Checking Your Emails

Your phone can automatically check for new emails at the interval you set when setting up the account.

You can also check new emails manually by swiping down on the message list. Tap **LOAD MORE** at the bottom of the email list to download earlier messages.

Responding to an Email

You can reply to or forward a message that you receive. You can also delete messages and manage them in other ways.

Replying to or Forwarding an Email

1. Open the email you want to reply to or forward from the Inbox.
2. Choose one of the following:
 - To reply to the sender, tap .
 - To reply to the sender and all recipients of the original message, tap .
 - To forward the message, tap .

3. Edit your message and tap .

Marking an Email as Unread

You can return a read email to the unread state—for example, to remind yourself to read it again later. You can also mark a batch of emails as unread.

- While reading a message, tap  > **Mark unread**.
- While in a message list (for instance, the inbox), tap the sender image before the message and then tap .

Deleting an Email

You can delete an email from its folder. You can also delete a batch of emails.

- While reading a message, tap .
- While in a message list (for instance, the inbox), tap the sender image before the message and then tap .

NOTE: If you accidentally delete an email, tap **UNDO** to retrieve it.

Writing and Sending an Email

1. Open your email Inbox and tap .

NOTE: If you have more than one email account added on the phone, tap the sender line to select the account you want to use for sending the message.

2. Enter a contact name or email address in the **To** field. Separate each recipient with a comma. You can also tap  to select recipients from your contacts.

NOTE: To send a carbon copy or blind carbon copy to other recipients, tap  to open the Cc/Bcc fields and enter the contact names or email addresses.

3. Enter the email subject and compose the email text.
4. Tap  to add audio files, images, videos, and other types of files as attachments.
5. Tap  at the top of the screen to send the message.

Adding a Signature to Your Emails

You can set a few lines of plain text as a signature for every outgoing email message from an account, such as your name and contact information.

1. Open the Email app.
2. Tap  > **Settings** and select the account you want to add a signature to.
3. Tap **Signature** and enter the text.
4. Tap **OK**.

Adding and Editing Email Accounts

Adding an Email Account

After setting up your first email account (see *Email – Setting Up the First Email Account*), you can add more email accounts and manage them separately.

1. Open the Email app.
2. Tap  > **Settings** > **Add account**.
3. Set up the account as you did with the first one.

Editing an Email Account

You can change a number of settings for an account, including how often you check for email, how you're notified of new emails, and details about the servers the account uses to send and receive emails.

1. Open the Email app.
2. Tap  > **Settings** and tap the account whose settings you want to change.
3. Make the changes you want and tap  or press the **Back Key** when you're finished.

Email

Removing an Email Account

1. Open the Email app.
2. Tap  > **Settings** and tap the account you want to remove.
3. Tap **Remove account from this device** > **OK**.

Changing General Email Settings

General settings apply to all email accounts you add.

1. Open the Email app.
2. Tap  > **Settings** > **General settings**.
3. Make the changes you want and tap  or press the **Back Key** when you're finished.

Messaging

You can use Messaging to exchange text messages (SMS) and multimedia messages (MMS).

Opening the Messaging Screen

Press the **Home Key** > .

The Messaging screen opens, where you can create a new message, search for messages, or open an ongoing message thread.

- Tap  to write a new text or multimedia message.
- Tap  to search for a message using keywords.
- Tap an existing message thread to open the conversation.

Sending a Text Message

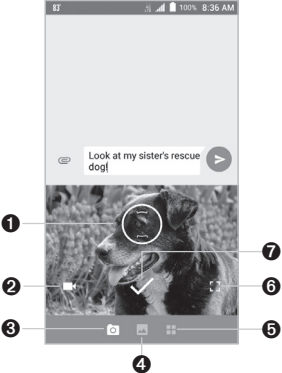
1. On the Messaging screen, tap .
2. Add recipients in one of the following ways:
 - Manually enter the recipient's number or the contact name. (You can tap  to enter numbers with a dialpad.) If the phone presents a few suggestions, tap the one you want to add.
 - Select recipients from your contacts by tapping **FREQUENTS** or **ALL CONTACTS** and tapping a name.
 - To add more recipients, enter another number or contact name, or tap  to select from your contacts.
3. Tap the **Send message** field and enter the content of your text message.
4. If you want to send a multimedia message, tap  to attach a file to the message (see *Messaging – Adding an Attachment*).
5. Tap .

NOTES:

- You can also include email addresses as recipients for multimedia messages.
- Do not add an attachment if you want to send a text message. Otherwise you may be charged for a multimedia message.

Adding an Attachment

Number	Function
1	Tap to select a focus area.
2	Tap to start recording a video. Tap  to stop recording; the video will be attached instantly.
3	Tap to open the mini camera viewscreen (shown) to capture a new photo or video to attach.
4	Tap to select from photos you've already taken. Tap a photo thumbnail to attach it to the message. Swipe up and tap  to select multiple photos.
5	Tap to select another attachment option: Video, Voice, Recorder, Files, Contacts, Quick Reply, or Subject.
6	Tap to enlarge the camera viewscreen to full size. Tap  to switch to the front-facing camera. Tap  to switch to the back camera.
7	Tap to snap a photo; it will be attached instantly.



NOTES:

- Swipe up on the mini viewscreen to enlarge it to full size; swipe down to return to the mini viewscreen.
- You can tap  at the corner of an attachment to remove it.

Replying to a Message

Messages you receive are appended to existing threads of the same number. If the new message comes from a new number, a new thread is created.

1. On the Messaging screen, tap the thread that has the message you want to reply to.
2. Type your reply in the text field at the bottom. You can tap  if you want to reply with an MMS.
3. Tap .

Forwarding a Message

1. On the Messaging screen, tap the thread that has the message you want to forward.
2. Press and hold the message you would like to forward.
3. Tap .
4. Tap  to create a new message.
5. Edit the content if needed and tap .

Deleting Messages or Threads

1. On the Messaging screen, press and hold a thread you want to delete, or tap a thread and press and hold a message you want to delete.
2. If there are more threads/messages you want to delete, tap them one by one.
3. Tap  > **DELETE**.

Changing Message Settings

Tap  > **Settings** in the Messaging screen to change Message settings.

Calendar on the phone works with the web-based Google Calendar™ service for creating and managing events, meetings, and appointments. It also works with the Microsoft Exchange ActiveSync calendar once you sign into your Exchange account on the phone.

To open Calendar, press the **Home Key** >  > **Calendar**.

Viewing Your Calendars and Events

Selecting Visible Calendars

1. Open the Calendar app.
2. Tap  > **Calendars to display**.
3. Tap to check the calendars you want to see or uncheck the calendars you'd like to hide. Events from hidden calendars are not shown in the Calendar app.

Changing Calendar Views

You can view your calendars in different forms. The app offers four views: Month, Week, Day, or Agenda.

To change calendar views, tap the current view at the top left and select the view you prefer.

- In Month, Week, or Day view, swipe horizontally to see previous and future months, weeks, or days.
- In Agenda view, swipe vertically to see all your events.
- When you are viewing earlier or later days, weeks, or months, tap  at the top to quickly switch to today. The number in the icon changes with the actual date.

To quickly switch to a specific date, tap  > **Go to date**, swipe horizontally to find the month you want, and tap a day > **OK**.

Viewing Event Details

In Agenda, Day, or Week view, tap an event to view its details.

In Month view, tap a day to view events on that day, and then tap an event to view its details.

Creating an Event

1. In any Calendar view, tap  to open an event details screen for a new event.
You can also tap a spot in Day or Week view twice to add an event to that time spot.
2. Add details about the event.

NOTE: If you have more than one calendar, you can choose the calendar to which to add the event by tapping the current calendar above the Event name box. Different accounts may present different event details fields for you to fill in.

3. Tap **SAVE** to save the new event.

NOTE: You can also create a new event by copying the details of an existing event. Just open the event details screen and tap  > **Copy**. Then edit the new event information and tap **SAVE**.

Editing, Deleting, or Sharing an Event

1. Find the event you want to edit, delete, or share.
2. Open its details screen (see *Calendar – Viewing Your Calendars and Events – Viewing Event Details*).
3. Choose one of the following options:
 - To edit the event, tap . Tap **SAVE** to save your changes.
 - To delete the event, tap  > **OK**.
 - To share the event, tap  and choose how to share.

Changing Calendar Settings

To change Calendar settings, open a Calendar view (Day, Week, Month, or Agenda) and then tap  > **Settings**.

- To add an email account, tap  > **Settings** >  to add an Exchange or Google account.
- For General settings, choose options for Calendar view setting and Notifications & reminders. You can choose to show the week number, set the day of the week the calendar

Calendar

starts on, and use home time zone when you are traveling. You can also choose event reminder settings such as notification sound, vibrate, default reminder time, and more.

Searching an Event

Tap  > **Search event** and then type the event in the Search field or tap  to speak out the event you want to search.

Browser

Use Browser to view web pages and search for information.

Opening the Browser

1. Press the **Home Key** > .
 - The last web page you were viewing is displayed. If you have not used Browser recently, your home page opens.
 - Browser also opens when you tap a web link – for example, in an email or a text message.
2. Tap the address box at the top of the web page.
3. Enter the address (URL) of a web page, or enter terms you want to search for.
4. Tap  on the keyboard to open the web page or search results.

Setting the Home Page

Your home page opens when you open a new browser tab, and when you open Browser after restarting your phone.

1. Open the Browser app.
2. Tap  > **Settings** > **Set homepage**.
3. Enter the URL and tap **OK** to set it as the homepage.

Using Multiple Browser Windows

You can open several web pages at the same time one page in each tab, and switch between them freely.

1. Tap  > **ADD**. A new browser tab opens.
2. To switch between tabs, tap  (the number shows how many tabs you have open).
3. Swipe vertically to scroll through the list of opened web pages, and tap the one you want to open.

NOTE: Swipe a title horizontally or tap  to close the tab.

Browser

Downloading Files

- 1. Press and hold an image or a link to a file or to another web page.
 - 2. In the menu that opens, tap **Save image** or **Save link**.
- The downloaded files are saved to your phone. You can view or open them in the Downloads app.

Changing Browser Settings

You can configure a number of settings to customize the way you browse the web, including several that you can use to control your privacy.

To open the Browser settings screen, tap  > **Settings** in the browser screen.

Camera

You can take photos and record videos. Photos and videos are stored to the phone's memory card or to the phone's internal storage. You can copy them to your computer or access them in the Gallery app.

Capturing a Photo

- 1. Press the **Home Key** > .
- 2. Aim the camera at the subject and make any necessary adjustments. PHOTO (automatic camera) is used by default.
- 3. Tap the area on the screen where you want the camera to focus, or let the camera autofocus on the center of the image.
- 4. Tap . The Volume Key can be used to zoom in and out in the Camera app.



Number	Function
1	Change the flash setting (only available for the back camera).
2	Change the camera/video settings.
3	Switch between video mode, photo camera mode, and manual camera mode.
4	Exit the camera.
5	Select a color effect or other special effect.
6	Capture a photo.
7	View pictures and videos you have taken.

8	Use special photo or video camera modes: Panorama, Multi Exposure, and Timelapse.
9	Adjust the focus point and exposure.
10	Switch between the back and front cameras.
11	Set a time delay before the camera takes a picture after you tap the shutter icon.
12	Turn the High-Dynamic Range (HDR) feature on or off (only available for the back camera).

WARNING! Keep a safe distance when using the flash. Do not point the flash toward the eyes of people or animals.

NOTES:

- You can pinch or spread your fingers on the screen or use the Volume Key to zoom in or out before taking a picture.
- In PHOTO camera mode, when you tap the camera to focus, the exposure bar appears beside the focus point. You can drag  up or down to adjust the exposure.
- When using the front camera, you can tap  to use smile detection.

Using Manual Camera Mode

You can use the Manual camera mode to adjust more camera options for your photo, such as ISO, white balance, and exposure.

1. Press the **Home Key** >  > **MANUAL**.
2. Aim the camera at the subject. You can make the following adjustments.
 - Drag the green circle to any area on the screen that you want to focus on. Press and hold the circle to lock the focus.

- Drag the yellow square to any area on the screen where you want the camera to meter exposure to adjust the photo brightness. Press and hold the square to lock exposure.
 - Tap  to unfold more options: ISO, overall exposure, white balance, or interval for time-lapse pictures. You can also tap one icon to unfold one setting.
3. Tap  to take the photo.

Using Other Camera Modes

Besides capturing photos in the traditional way, your Camera app offers other powerful and interesting camera modes. Tap  in the viewfinder screen to find them all.

- **PANORAMA:** Capture panorama photos both horizontally and vertically.
- **MULTI EXPOSURE:** Capture multiple photos to create collages and special effects.
- **TIMELAPSE:** Record time-lapse videos (back camera only); you can set the time interval between each frame.

Recording a Video

You can record video clips at normal speed with the front or back camera. The back camera also allows you to record timelapse videos.

1. Press the **Home Key** > .
2. Tap **VIDEO** to capture a normal-speed video.
3. Aim the camera at the subject and make any necessary adjustments. You can tap any area on the screen that you want the camcorder to focus on before and during recording.
4. Tap  to start and  to stop recording. You can also tap  /  to pause or resume recording.

NOTES:

- You can pinch or spread your fingers on the screen or use the Volume Key to zoom in or out before and during recording.

- When you tap the screen to focus during normal-speed recording, the exposure bar appears beside the focus point. You can drag  up or down to adjust the exposure.
- While recording is in progress, tap  to save the frame as a separate photo.
- To capture a time-lapse video, tap  > **TIMELAPSE**. Tap  to begin recording and  to stop.

Customizing Camera and Video Settings

Before capturing a photo or video, you can tap  to open the following camera setting options:

Options in Photo Mode (Back Camera)

- **Resolution:** Set the resolution for your photo.
- **Volume key:** Assign the function of the Volume Key.

Options in Selfie Mode (Front Camera)

- **Tap to capture:** When enabled, allows you to tap the screen to take photos.
- **Mirror image:** When enabled, allows you to capture a photo that is the reverse of the viewfinder preview.
- **Volume key:** Assign the function of the Volume Key.

Options in Video Mode (Front or Back Camera)

- **Video quality:** Set the quality for your video.

Options in Manual Mode (Back Camera)

- **Metering:** Adjust the light metering setting.
- **Composition:** Show or hide the grid or golden spiral to help with balanced photo composition.
- **Gradients:** Show or hide the gradienter.

General Options

- **Shutter tone:** Turn the shutter tone on or off.
- **Geo-tag:** When enabled, stores the GPS location in your captured photos and videos.
- **Anti-banding:** Set the anti-banding value when you take photos or record videos of TV or computer screens to avoid stripes on the screen.
- **Save location:** Change the storage location for captured photos and videos.
- **Help:** Enable the Help icon on the viewfinder screen, or tap **More** to view help details.
- **Restore defaults:** Restore default camera and video settings.

NOTE: Some camera and video options will change in different camera modes.

Opening the Gallery

Press the **Home Key** >  > **Gallery** to view albums of your pictures and videos. Tap **Timeline** or **Album** to select a viewing mode. Timeline displays contents in chronological order, and Album displays contents organized by album.

Working With Albums

Viewing Album Contents

In Album view, tap an album to view the pictures and videos it contains.

Sharing Albums, Pictures, or Videos

- 1. Press and hold an album, picture, or video to select it.
- 2. Tap more items that you want to share.
- 3. Tap  and select how you want to share the items.

Deleting Albums, Pictures, or Videos

- 1. Press and hold an album, picture, or video to select it.
- 2. Tap more items that you want to delete.
- 3. Tap  > **OK**.

Working With Pictures

Tap a picture in an album or timeline to view the picture in full screen. Double-tap the picture, or pinch two fingers together or spread them apart to zoom out or in. Slide left or right to view other pictures in the album.

Number	Function
1	Tap to return to the album or timeline.
2	Swipe horizontally to see more; double-tap a picture to zoom in or out.
3	Delete the picture.
4	Edit the picture.
5	Share the picture.
6	View more options, such as rotate, rename, and print.
7	Add to favorites.



NOTES:

- Pinch a picture or video to make it smaller. You'll then see a filmstrip-style view of all your pictures and videos in a row. Swipe left or right to scan through them all.
- You can delete a picture or video by swiping it up in the filmstrip view. If you accidentally delete one by swiping it up, tap **UNDO** to retrieve it.
- Not all options may be available for certain albums or pictures.

Retouching Your Pictures

You can edit any photos you took and some other pictures in Gallery with Photo Editor. The changed picture is saved in the same album as the original one, while the original is never affected.

- 1. While viewing a picture in full screen, tap the screen and tap  > **Photo Editor**.

NOTE: You can also choose to edit the picture with Photos.

2. Tap the icons along the bottom of the screen to edit the picture.

	Apply filters, old photo effects, or blur effects.
	Crop, rotate, tilt, or flip (mirror) the picture.
	Adjust contrast, sharpness, and other light options.
	Adjust saturation, hue, and other color effects.
	Draw, add text, or apply a mosaic effect on the picture.

3. Tap  to keep the change or  to cancel it.

4. Tap  to save the new picture.

NOTE: Tap  in the Photo Editor screen to see the edits you have made and undo or redo them.

Making a GIF or a Collage

You can put together a few pictures in the same album to make an animated GIF or a collage of pictures.

1. Open the Gallery app and tap  > **GIF maker** or **Collage maker**.

2. Tap an album.

3. Tap the pictures you want.

- To make a GIF, tap 2 to 50 pictures in the order (or reverse of the order) that you want them to appear in the GIF.
- To make a collage, tap 2 to 9 pictures.

The pictures you tapped are displayed along the bottom of the screen. Tap  to remove the pictures you do not want.

4. Tap **NEXT**. The GIF or collage is displayed.

5. Tap the options along the bottom to adjust the final picture.

- For GIF, you can adjust the speed, order, and size. Tap **MORE** to adjust each picture.
- For collage, tap **TEMPLATE**, **FREE**, or **COLLAGE** and then select a border, shading, and style.

6. When you are satisfied with the final picture, tap  to save the GIF or tap  to save the collage.

Depending on your storage setting, the picture is saved to the `zte_editor/save` folder in your phone storage or your microSDHC card.

Playing Videos

1. In Gallery, tap the thumbnail of a video.

2. Tap  at the center and select a player to start playing.

3. Tap the video to view the playback controls.

Press the **Home Key** >  > **Music** to play audio files stored on your phone. Music supports a wide variety of audio formats, so it can play music you purchase from online stores, music you copy from your CD collection, and more.

Copying Music Files to Your Phone

Before using Music, you need to copy audio files to your phone or memory card.

Copying From a Computer

1. Connect your phone and the computer with a USB cable.
2. Tap **Media device (MTP)** as the connection mode (see *Connecting to Networks and Devices – Connecting to Your Computer via USB – Connecting Your Phone to a Computer via USB*).
3. Copy the music file from the PC to the phone storage or microSDHC card.

Downloading From the Internet

You can download music files using certain apps, such as Google Play Music (see *More Apps – Google Apps – Play Music*).

Receiving via Bluetooth

You can receive music files from other devices via *Bluetooth* (see *Connecting to Networks and Devices – Connecting to Bluetooth Devices – Receiving Data via Bluetooth*).

Viewing Your Music Library

Press the **Home Key** >  > **Music** and your music library is displayed. All your audio files are cataloged according to the information stored in the files.

Your music is organized by **All Songs**, **Playlists**, **Favorites**, **Artists**, **Albums**, and **Folders**. You can also tap a song under **Recently Played** to play it again.

NOTE: If an audio file is being played, its name and player controls are displayed at the bottom of the screen. Tap the area to open the playback screen.

Setting a Song as the Default Ringtone

The song will be used as the ringtone for all incoming calls, except those from contacts you have assigned special ringtones to (see *Contacts – Editing Contacts – Setting a Ringtone for a Contact*).

1. Press the **Home Key** >  > **Music** to see the music library.
2. Tap  next to a song in any list.
3. Tap **Set as ringtone** > **Phone Ringtone** or **Notification Ringtone**.

NOTE: If the song is being played and you're on the playback screen, tap  > **Set as ringtone** and select **Phone Ringtone** or **Notification Ringtone**.

Playing Music

Tap a song in the music library to listen to it. Tap the playback bar at the bottom of the screen to open the following playback screen.



Number	Function
1	Song, album, and artist information.
2	Return to the music library.
3	Album artwork (if available). Slide left/right to switch to the next/previous song in the playlist.
4	Check the track information.
5	Turn shuffle on or off.
6	Playback control: Skip songs or pause and resume playback. Drag the progress bar to jump to any part of the track.
7	Toggle repeat mode: no repeat, repeat the current track, or repeat the current playlist.
8	Add the track to the Favorites playlist.
9	Tap to see the current playlist (queue).
10	Access more options.

You can still control the music when you are not in the playback screen.

- In other apps, swipe down the Notification Panel. Tap the song title to restore the playback screen, or you can pause/resume playback or skip songs.
- When the screen is locked, the song information, album cover, and playback controls are displayed on the screen. Tap the song title to restore the playback screen, or you can pause/resume playback or skip songs.

Managing Playlists

Create playlists to organize your music files into sets of songs, so that you can play the songs you like in the order you prefer.

- Tap  > **Add to playlist** next to a song to add it to a playlist or create a new playlist.
- Tap  > **Rename** next to a playlist to rename the playlist.
- Tap  > **Delete** next to a playlist to delete the playlist.
- Tap a playlist to view its content. To delete a song, press and hold the song. Tap additional songs to select multiple songs for removal. Tap  to remove the songs from the playlist.

Use the Video Player to manage your video library and to watch videos.

Opening the Video Library

Press the **Home Key** > (⋮) > **Video Player** to view your video library. Swipe up or down to find the video you want. You can also tap 🔍 to search for video files, or tap ⋮ > **View by** or **Sort by** to change the display mode or sort the list.

Playing and Controlling Videos

Tap a video in the video library to play it. Tap the screen to show the playback controls. You can control the video and audio or carry out other operations.



Number	Function
1	Return to video library list.
2	Change the video ratio (fit to screen).
3	Playback control: Skip videos or pause and resume playback. Drag the slider to jump to any part of the video.
4	Rotate the video.
5	Access more options.
6	Hide video playback controls and lock the touch screen.
7	Take a screenshot.

NOTES:

- Slide horizontally on the video to rewind or fast forward.
- Slide vertically on the right part of the screen to adjust volume or on the left part of the screen to adjust brightness.

Managing Video Files

Deleting or Sharing Videos

1. In the video library, press and hold a video or tap ⋮ > **Multi-Select**.
2. Tap any additional videos you want to manage.
3. Tap an option:
 - To delete, tap 🗑️ > **OK**.
 - To share, tap ➦ and select a sharing option.

Renaming or Viewing Details of a Video

In the video library, tap ⋮ next to a video.

- To rename the video, tap **Rename**, type the new name, and tap **OK**.
- To view details, tap **Details**; tap **CLOSE** when done.

Trimming a Video

1. Tap a video to start playing it.
2. Tap ⋮ > **Trim**.
3. Drag the two tabs on the progress bar to select the portion you want to keep. You can tap ▶️ to preview the selected portion.
4. Tap 📄. The trimmed video is saved as a new video file.

Calculator

Press the **Home Key** >  > **Calculator** to use the phone's convenient built-in calculator for some basic as well as advanced mathematical equations.

NOTE: To see more calculator options, swipe left while holding the phone in portrait view or turn the phone to landscape view.

Clock

Press the **Home Key** >  > **Clock**. The Clock app allows you to check local time in places around the world, set alarms, and use timers.

Setting a New Alarm

1. Open the Clock app and tap .
2. Tap a default alarm to configure it, or tap  at the bottom of the screen to create a new alarm.
3. Set up the alarm options, such as time, alarm days, snooze, and alarm ringtone.
4. Tap **Save** to save and exit.

NOTES:

- To enable or disable existing alarms directly, tap **On**  or **Off**  on the right side of each alarm.
- Tap  to configure alarm settings, including ringtone volume, vibration, alarm duration, volume crescendo, and alarm in silent mode.

Using World Time

1. Open the Clock app and tap .
2. World time lets you check local times for cities around the world. Tap  to add a new city.

Using Stopwatch and Countdown

1. Open the Clock app and tap  or .
2. Stopwatch allows you to record lap times, while countdown allows you to set a time and count down to zero.

Downloads

The Downloads app keeps a record of the files you have downloaded using apps such as Browser or Email.

Press the **Home Key** >  > **Downloads**.

- Tap a file to open it with the appropriate application.
- Press and hold a file to delete or share it.

File Manager

Quickly access all of your images, videos, audio clips, and other types of files on your phone and on the memory card.

Press the **Home Key** >  > **File Manager**. Tap **CATEGORY** to find the file you need by category, or tap **LOCAL** and then tap  or  to browse folders and files on the phone storage or the microSDHC card.

- Tap folders and files to access stored items.
- Press and hold an item or tap  > **Multi-Select** to access option icons such as copy , move , share , or delete .
- To copy or move an item, press and hold the item, tap  or , navigate to a new location, and tap **PASTE**. (Tap  to create a new folder in the current directory.)
- Tap  to search for files.
- Tap  > **View by** or **Sort by** to change the view of the list or the order of the items in the list.
- Tap  > **Show hidden files** to display hidden system files and folders.
- Tap  > **Exit** to exit the File Manager app.

Wi-Fi Utility

Wi-Fi Utility can manage your Wi-Fi settings to provide free and high-speed data by automatically connecting your phone to reputable Wi-Fi hotspots.

Press the **Home Key** >  > **Wi-Fi Utility**, and select a Wi-Fi settings option.

Sound Recorder

Sound Recorder enables you to record voice memos and listen to them whenever you like.

Recording a Voice Memo

1. Press the **Home Key** >  > **Sound Recorder**.
2. Tap  to turn on or off high-quality recording.
3. Tap  to start recording. Tap  to pause and  to continue recording.
4. Tap  to stop recording. The memo is automatically saved.

Playing a Voice Memo

Playing a Memo You Just Recorded

Tap  at the bottom of the screen.

Playing Any Saved Memo

1. Tap  at the top right of the screen to see all recordings.
2. Tap the title of a memo to play it.

NOTE: You can also tap  at the right of the memo to delete, share, rename, tag, or trim it, check its file information, or set it as your phone ringtone.

Google Apps

Open these apps to use Google services. Some Google apps can be found in the Google folder on the home screen.

NOTE: Some Google services may not be available in your region.

Chrome™

Use the Chrome app to browse the Internet and get your bookmarks, browsing history, and more synced with your Google account.

Drive

Store files on Google servers for free after you sign in to your Google account. You can access them on computers, phones, and other devices, share them, or collaborate on them with others.

Duo

Make video calls to bring you face-to-face with the people who matter most.

Gmail™

Send and receive emails via your Gmail account or other personal email accounts.

Google

Use Google search or get information when you need it with Google Now.

Maps

Find your place and find your way in the world.

Photos

Manage photos on the phone and on your Google account.

Play Movies & TV

Purchase, download, and watch the latest and your favorite movies and TV shows.

More Apps

Play Music

Play music on the phone and on your Google account.

Play Store

Purchase and download apps, games, and more from the Google Play store.

Voice Search

Search for information with your voice.

YouTube™

Watch video clips from YouTube.com, or upload your own and share with the world.

Settings

From the home screen, tap  > **Settings**. Settings contains most of the tools for customizing and configuring your device.

Wireless & Networks

Wi-Fi

Turn Wi-Fi on or off and configure your Wi-Fi connections (see *Connecting to Networks and Devices – Connecting to Wi-Fi*).

Bluetooth

Turn *Bluetooth* on or off and configure your *Bluetooth* connections (see *Connecting to Networks and Devices – Connecting to Bluetooth Devices*).

Mobile Networks

Control mobile data, data roaming, or set access point names for data access (see *Connecting to Networks and Devices – Connecting to Mobile Networks*).

Wi-Fi Hotspot

Turn the Wi-Fi hotspot on or off and configure its settings (see *Connecting to Networks and Devices – Sharing Your Mobile Data Connection – Sharing Mobile Data Through a Wi-Fi Hotspot*).

Data Usage

- **Data saver:** Turn Data Saver on or off, which prevents apps from using a data connection in the background. Apps you are currently using can access data, but may do so less frequently. You can tap **Unrestricted data access** to enable some apps to always have data connection access, even when Data Saver is enabled.
- **Cellular data:** Turn mobile data on or off.
- **Cellular data usage:** Check how much data has been used during the time cycle you set, see which apps have been using mobile data, restrict background data for individual apps, or allow individual apps to have unrestricted data usage when Data Saver is on.

- **Billing cycle:** Set the reset date of the data usage cycle, and set the mobile data warning and limit.
- **Wi-Fi data usage:** View the Wi-Fi data usage of apps.
- **Network restrictions:** Select Wi-Fi networks that are metered. Apps may warn before using these networks for large downloads to avoid high mobile data bills.

NOTE: Data usage is measured by your phone. Your carrier's data usage accounting may differ.

Airplane Mode

In Settings, tap **More** > **Airplane mode** to enable or disable airplane mode.

USB Tethering

In Settings, tap **More** > **USB tethering** to share your phone's mobile data connection with a PC via USB (see *Connecting to Networks and Devices – Sharing Your Mobile Data Connection – Sharing Your Mobile Data Connection via USB*).

VPN

In Settings, tap **More** > **VPN** to set up and connect to virtual private networks (see *Connecting to Networks and Devices – Connecting to Virtual Private Networks*).

Network Settings Reset

In Settings, tap **More** > **Network settings reset** to reset all network settings, including Wi-Fi, cellular data, and *Bluetooth*.

Device

Display

- **Brightness level:** Set the brightness of the display.
- **Adaptive brightness:** Automatically adjust screen brightness.
- **Wallpaper:** Select a background image or animation for the home screen or lock screen.

- **Sleep:** Set the length of time of inactivity before the screen turns off automatically.
- **Jump to camera:** Tap to enable/disable this feature, which allows you to quickly open the Camera app without unlocking your screen.
- **Screen saver:** Manage the Screen saver function, which can display colors or photos when the phone is docked or charging.
- **Ambient display:** Tap to enable/disable this feature, which causes the screen to wake when you receive notifications.
- **Font size:** Set the font size of the text on the screen.
- **Display size:** Adjust the display size of fonts, icons, and images.
- **When device is rotated:** Select whether the screen display should rotate when the phone is rotated.
- **Pulse notification light:** When enabled, the Indicator light flashes to notify you of missed calls, new messages, and other events.

Notifications

Control the display of notifications.

- Tap  > **On the lock screen** to enable/disable notification display on the lock screen.
- Tap an app to control its notifications. You may turn its notifications off, allow them in Do not disturb mode, allow popup display, or hide content on the lock screen.

NOTE: The notifications of some apps cannot be turned off. Content hiding is available only if you have set a pattern, PIN, or password screen lock.

Sound

Adjust different types of volume (see *Personalizing – Adjusting Volumes*), toggle notification mode (see *Personalizing – Switching Notification Mode – Switching to Silent or Vibration Mode*), control Do not disturb mode (see *Personalizing – Using Do Not Disturb Mode*), set ringtone and notification sound (see *Personalizing – Changing the Ringtone and Notification Sound*), set default alarm sound, or select system sounds (see *Personalizing – Turning System Sounds On/Off*).

Apps

See apps installed on your phone and manage them. Tap an app to see its information. The following options may be available:

- **FORCE STOP:** Stop the app.
- **UNINSTALL:** Uninstall the app.
- **DISABLE/ENABLE:** Disable or enable the app.
- **Storage:** Check the app's storage information and clear its data or cache.
- **Data usage:** Check how much data the app has used during the time cycle you set, restrict background data for the app, or allow unrestricted data access by the app when Data Saver is on.
- **Permissions:** Check or change the app permissions.
- **Notifications:** Manage the app's notifications.
- **Open by default:** Check the app's supported links, set whether to open the links in the app, and clear the app's defaults.
- **Battery:** Check the app's battery usage since last full charge.
- **Memory:** Check the app's memory usage.
- **Browser app:** Set default browser and adjust other browser settings.
- **Draw over other apps:** Disable or enable this function for the app.
- **Modify system settings:** Allow the app to modify system settings.

NOTE: Not all options are available for all apps.

Storage

Check memory information for the internal phone storage and the microSDHC card (if one is installed).

- **Save location:** Select **Phone** or **SD card** to select the default location for new data, such as downloaded files, captured photos/videos, and recorded audio.
- **Device storage:** Tap **Phone** > **Used space** to get a detailed breakdown of space usage by type. Tap a data type to see more information or delete the files you do not need.
- **Portable storage:** Safely mount, unmount/eject, and format your microSDHC card.

Battery

View the battery level, check what has been using the battery, and optimize battery use.

- Tap an app or service to adjust its settings to save battery life. For example, tap **Bluetooth** > **Turn off Bluetooth when you aren't using it** to change *Bluetooth* settings.
- Tap  > **Battery optimization**. Battery optimization helps prolong battery standby time when you're not using the phone. To turn battery optimization off for specific apps, tap **Not optimized** > **All apps**, tap the app name, and then tap **Don't optimize** > **DONE**.
- Tap **Battery saver**. You can turn battery saver on or off or configure it to turn on automatically in order to reduce battery use and improve battery life.

Memory

Monitor the average memory use and performance of your phone, and check which apps use the most memory.

Call Settings

Configure call options (see *Phone Calls – Adjusting Your Call Settings*).

Connect to PC

Select the USB connection mode between your phone and PC (see *Connecting to Networks and Devices – Connecting to Your Computer via USB*).

Personal

Location

Activate location services, which help your phone and apps determine your location. To use location-related applications, such as finding your location on Google Maps, you must have location services turned on.

1. Press the **Home Key** >  > **Settings** > **Location**.
2. Slide the switch to the **On**  position to turn on location services.

3. When location is enabled, tap **Mode** to select the location mode you want to use.

- **High accuracy:** Get accurate location using GPS, Wi-Fi, *Bluetooth*, and mobile networks.
- **Battery saving:** Use only Wi-Fi, *Bluetooth*, and mobile networks to get your approximate location. This will drain less power from your battery than using GPS.
- **Device only:** Use only GPS to pinpoint your location.

In the Location menu, tap **Accelerated Location** to use Qualcomm® IZat™ hardware accelerated location services to determine your location, or tap **Google Location History** to configure Google location options.

Security

- **Screen lock:** Lock the screen with long press, pattern, PIN, or password (see *Personalizing – Protecting Your Phone With Screen Locks*).
- **Smart Lock:** Keep the phone unlocked when connected to trusted devices, in trusted places, when unlocked by a trusted face or voice, or when being carried on the body.
NOTE: You need to set up a screen lock on the phone to use the Smart Lock feature.
- **Encrypt phone:** Your phone is already encrypted.
- **Set up SIM card lock:** Lock the SIM card and change the SIM PIN.
 - **Lock SIM card:** Activate or deactivate the PIN lock to require PIN before accessing the micro-SIM card.
 - **Change SIM PIN:** Change the PIN used to access the micro-SIM card.**NOTE:** Put all your confidential passwords in a safe place for future use. If you enter the wrong SIM PIN more times than allowed, your micro-SIM card will be locked and you cannot access the mobile phone network. Contact your operator for a PIN Unlock Key (PUK) to restore the micro-SIM card.
- **Make passwords visible:** Display passwords as you enter them.
- **Device administrators:** View or deactivate apps you have authorized to be device administrators.

- **Unknown sources:** Permit installation of apps from sources other than the Play Store.
- **Storage type:** Check the credential storage type.
- **Trusted credentials:** Display trusted CA certificates.
- **User credentials:** View and modify stored credentials.
- **Install from SD card:** Install certificates from storage.
- **Clear credentials:** Delete all certificates.
- **Trust agents:** View or deactivate trust agents.
- **Screen pinning:** Turn the screen pinning feature on/off (see *Personalizing – Protecting Your Phone With Screen Pinning*).
- **Apps with usage access:** Turn on or off some apps' access to your phone usage information.

Accounts

Manage your accounts and synchronization. Tap **Add account** to sign in to or create accounts on your phone.

Tap an account type to see accounts of that type you have added and adjust their settings.

Google

Manage settings for Google apps and services.

Languages & Input

- **Languages:** Select a language for your system.
- **Spell checker:** Enable Google Spell Checker to check for spelling errors when entering text, and change its settings.
- **Personal dictionary:** Add new words to the phone's dictionary or remove words from the dictionary. The words you add are used for spelling check and word suggestion.
- **Virtual keyboard:** Choose your preferred virtual keyboard.

- **Physical keyboard**
 - **Show virtual keyboard:** Keep the virtual keyboard on screen while a physical keyboard accessory is active.
 - **Keyboard shortcuts helper:** Display available shortcuts.
- **Text-to-speech output**
 - **Preferred engine:** Select the speech synthesis engine you want to use, or change its settings.
 - **Speech rate:** Select how quickly you want the synthesizer to speak.
 - **Pitch:** Adjust the tone of spoken text.
 - **Reset speech rate:** Reset the speed at which the text is spoken to normal.
 - **Reset speech pitch:** Reset the pitch at which the text is spoken to default.
 - **Listen to an example:** Play a brief sample of the speech synthesizer using your current settings.
 - **Default language status:** Check whether the text-to-speech output feature supports the current system language.
- **Pointer speed:** Select how fast the pointer/mouse should scroll when you connect the phone to a trackpad or mouse accessory.

Navigation Key

You can swap the positions of the Back Key and the Recent Apps Key. Select an option to make the switch.

Backup & Reset

- **Back up my data:** Back up app data, Wi-Fi passwords, and other settings to Google servers after you sign in to your Google account.
- **Backup account:** Set the Google account that the data is backed up to.
- **Automatic restore:** Restore previously backed up settings and data when you reinstall an app.

- **Factory data reset:** Reset your phone to factory default settings. All your personal data from the phone's internal storage will be erased. You can also erase the data on the memory card during the process.

System

Date & Time

Set date, time, time zone, and time format, or use network-provided data (see *Personalizing – Setting the Date and Time*).

Accessibility

Configure the accessibility plug-ins and services on your phone, such as using Color inversion or Font size for low-vision users.

Printing

Configure printer plug-ins.

About Phone

View phone status and legal information. Tap **Software Update** to check for available software updates for your phone.

Upgrading the Phone Software

There are several ways to upgrade your phone software:

1. Use the online upgrade tool for mobile terminal products.
2. Use the one-press upgrade package offered by your mobile service provider.
3. Use your PC to download an upgrade package to your microSDHC card and install it to your phone from the card.

NOTE: Visit the ZTE official handset service support website **Z-Community** (<https://community.zteusa.com>) to learn more about the above upgrade methods, as well as which phones and methods are supported.

Troubleshooting

If you encounter problems while using the phone, or if it performs abnormally, you can refer to the chart below. If your particular problem cannot be resolved using the information in the chart, contact the dealer where you purchased the phone.

Problem	Possible Causes	Possible Solution
Poor reception	The network signal is too weak at your current location (for example, in a basement or near a tall building) because wireless transmissions cannot effectively reach it.	Move to a location where the network signal can be properly received.
	The network is busy at the current time (for example, during peak times, there may be too much network traffic to handle additional calls).	Avoid using the phone at such times, or try again after waiting a short time.
	You are too far away from a base station for your service provider.	You can request a service area map from your service provider.
Echo or noise	Poor network link quality on the part of your service provider.	End the call and dial again. You may be switched to a better-quality network link or phone line.
	Poor local telephone line quality.	End the call and dial again. You may be switched to a better-quality network link or phone line.
Unable to select certain features	Your service provider does not support these features, or you have not applied for services that provide these features.	Contact your service provider.

Troubleshooting

Problem	Possible Causes	Possible Solution
Battery not charging	The battery or battery charger is damaged.	Contact the dealer.
	The phone's temperature is below 32°F (0°C) or higher than 113°F (45°C).	Adjust the battery charging environment to avoid extremes of temperature.
	Poor contact between the battery and charger.	Check all connectors to make sure all connections have been properly made.
Shortened standby time	The standby time is related to your service provider system configuration. The same phone used with different service providers' systems will not provide exactly the same length of standby time.	If you are located in an area where signaling is weak, temporarily power off the phone.
	The battery is depleted. In high-temperature environments, battery life will be shortened.	Contact the dealer for a new battery.
	If you are not able to connect to the network, the phone will continue to send out signals as it attempts to locate a base station. Doing so consumes battery power and will consequently shorten standby time.	Change your location to one where the network is accessible, or temporarily turn off your phone.

Troubleshooting

Problem	Possible Causes	Possible Solution
Cannot turn your phone on	Battery power has been depleted.	Recharge the phone's battery.
micro-SIM card error	The micro-SIM card has malfunctioned or is damaged.	Take the micro-SIM card to your service provider for testing.
	The micro-SIM card is inserted improperly.	Insert the micro-SIM card properly.
	Debris is on the micro-SIM card contacts.	Use a soft, dry cloth to clean the micro-SIM card contacts.
Unable to connect to the network	The micro-SIM card is invalid.	Contact your service provider.
	You are not within the network's service area.	Check the service area with your service provider.
	Poor signal.	Move to an open space, or if you are inside a building, move closer to a window.
PIN code blocked	You have entered an incorrect PIN code three consecutive times.	Contact your service provider. If the service provider provides the micro-SIM card's PUK code, use the PUK code to unlock the micro-SIM card.
Phone crashes, reboots, freezes, or cannot be powered on	Some third-party software is not compatible with your phone.	Uninstall the software that may be causing the problem.
		Upgrade the phone software.
		Reset the phone to factory status.

General Safety

	Don't make or receive handheld calls while driving. Never text while driving.
	Keep your phone at least 15 mm away from your ear or body while making calls.
	Small parts may cause choking.
	Your phone can produce a loud sound.
	Avoid contact with anything magnetic.
	Keep away from pacemakers and other electronic medical devices.
	Power off when asked to in hospitals and medical facilities.
	Power off when told to in aircrafts and airports.
	Power off when near explosive materials or liquids.

	Don't use at gas stations.
	Your phone may produce a bright or flashing light.
	Don't dispose of your phone in fire.
	To prevent possible hearing damage, do not listen at high volume levels for long periods.
	Avoid extreme temperatures.
	Avoid contact with liquids. Keep your phone dry.
	Don't take your phone apart.
	Only use approved accessories.
	Don't rely on your phone for emergency communications.

Radio Frequency (RF) Energy

This phone is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the United States.

During SAR testing, this device was set to transmit at its highest certified power level in all tested frequency bands, and placed in positions that simulate RF exposure in usage against the head with no separation, and near the body with the separation of 0.4 inches (10 mm). Although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

The exposure standard for wireless devices employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg.

This device complies with SAR for general population/uncontrolled exposure limits in ANSI/IEEE C95.1-1992 and has been tested in accordance with the measurement methods and procedures specified in IEEE1528.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of www.fcc.gov/oet/ea/fccid after searching on FCC ID: **SRQ-Z799VL**.

For this device, the highest reported SAR value for usage against the head is **0.86 W/kg**, for usage near the body is **1.18 W/kg**.

While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirements.

SAR compliance for body-worn operation is based on a separation distance of 0.4 inches (10 mm) between the unit and the human body. Carry this device at least 0.4 inches (10 mm) away from your body to ensure RF exposure level compliant or lower to the reported level. To support body-worn operation, choose the belt clips or holsters, which

do not contain metallic components, to maintain a separation of 0.4 inches (10 mm) between this device and your body.

RF exposure compliance with any body-worn accessory, which contains metal, was not tested and certified, and use such body-worn accessory should be avoided.

Operations in the band 5.15-5.25 GHz are restricted to indoor use only.

FCC Regulations

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION: Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Hearing Aid Compatibility (HAC) Regulations for Mobile Phones

In 2003, the FCC adopted rules to make digital wireless telephones compatible with hearing aids and cochlear implants. Although analog wireless phones do not usually cause interference with hearing aids or cochlear implants, digital wireless phones sometimes do because of electromagnetic energy emitted by the phone's antenna, backlight, or other components. Your phone is compliant with FCC HAC regulations (ANSI C63.19-2011).

While some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate. The wireless telephone industry has developed ratings for some of their mobile phones to assist hearing device users in finding phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that have been rated have a label on the box. These ratings are not guaranteed. Results will vary, depending on the level of immunity of your hearing device and the degree of your hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

This phone has been tested and rated for use with hearing aids for some of the wireless technologies that it uses. However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids. It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any interfering noise. Consult your service provider or the manufacturer of this phone for information on hearing aid compatibility. If you have questions about return or exchange policies, consult your service provider or phone retailer.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference with hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T Switch" or "Telephone Switch") than unrated phones. T4 is the better/higher of the two ratings. (Note that not all hearing devices contain telecoils.)

Your **Z899VL** has been tested for hearing aid device compatibility and has an **M4/T4** rating. Hearing devices may also be measured for immunity to this type of interference. Your hearing device manufacturer or hearing health professional may help you find results for your hearing device.

For additional information about the FCC's actions with regard to hearing aid compatible wireless devices and other steps the FCC has taken to ensure that individuals with disabilities have access to telecommunications services, please go to www.fcc.gov/cgb/dro.

Distraction

Driving

Full attention must be given to driving at all times in order to reduce the risk of an accident. Using a phone while driving (even with a hands free kit) can cause distraction and lead to an accident. You must comply with local laws and regulations restricting the use of wireless devices while driving.

Operating Machinery

Full attention must be given to operating machinery in order to reduce the risk of an accident.

Product Handling

General Statement on Handling and Use

You alone are responsible for how you use your phone and any consequences of its use.

You must always turn off your phone wherever the use of a phone is prohibited.

Use of your phone is subject to safety measures designed to protect users and their environment.

- Always treat your phone and its accessories with care and keep it in a clean and dust-free place.
- Keep the screen and camera lens clean. Unclean screen or camera lens may slow down the phone's reaction to your operations or lower image quality.
- Clean the device and its accessories with a soft material such as cleaning cloth for eyeglass lenses. Do not use alcohol or other corrosive substances for cleaning or allow them to get inside.
- Do not expose your phone or its accessories to open flames or lit tobacco products.
- Do not expose your phone or its accessories to liquid, moisture or high humidity.
- Do not drop, throw or try to bend your phone or its accessories.
- Do not use harsh chemicals, cleaning solvents, or aerosols to clean the device or its accessories.
- Do not paint your phone or its accessories.
- Do not attempt to disassemble your phone or its accessories. Only authorized personnel can do so.
- Do not expose or use your phone or its accessories in an environment with or that can reach extreme temperatures, minimum 23°F (-5°C) and maximum 122°F (+50°C).
- Do not place your phone inside or near heating equipment or high-pressure containers, such as water heaters, microwave ovens, or hot cooking utensils. Otherwise, your phone may be damaged.
- Please check local regulations for disposal of electronic products.
- Do not carry your phone in your back pocket as it could break when you sit down.

Small Children

Do not leave your phone and its accessories within the reach of small children or allow them to play with it. They could hurt themselves or others, or could accidentally damage the phone. Your phone contains small parts with sharp edges that may cause an injury or may become detached and create a choking hazard.

Demagnetization

To avoid the risk of demagnetization, do not allow electronic devices or magnetic media to be close to your phone for a long time.

Electrostatic Discharge (ESD)

Do not touch the micro-SIM/SD card's metal connectors.

Antenna

Do not touch the antenna unnecessarily.

Normal Use Position

When placing or receiving a phone call, hold your phone to your ear, with the bottom towards your mouth.

Air Bags

Do not place a phone in the area over an air bag or in the air bag deployment area as an airbag inflates with great force and serious injury could result. Store the phone safely before driving your vehicle.

Seizures/Blackouts

The phone can produce a bright or flashing light. A small percentage of people may be susceptible to blackouts or seizures (even if they have never had one before) when exposed to flashing lights or light patterns such as when playing games or watching video. If you have experienced seizures or blackouts or have a family history of such occurrences, please consult a physician. To reduce the risk of blackouts or seizures, you can use your phone in a well-lit room and take frequent breaks.

Repetitive Strain Injuries

To minimize the risk of Repetitive Strain Injury (RSI) when texting or playing games with your phone:

- Do not grip the phone too tightly.

- Press the buttons lightly.
- Use the special features that are designed to minimize the times of pressing buttons, such as Message Templates and Predictive Text.
- Take many breaks to stretch and relax.

Emergency Calls

This phone, like any wireless phone, operates using radio signals, which cannot guarantee connection in all conditions. Therefore, you must never rely solely on any wireless phone for emergency communications.

Loud Noise

This phone is capable of producing loud noises, which may damage your hearing. Turn down the volume before using headphones, *Bluetooth* stereo headsets or other audio devices.

Phone Heating

Your phone may become warm during charging and during normal use.

Electrical Safety**Accessories**

Use only approved accessories. Do not connect with incompatible products or accessories. Take care not to touch or allow metal objects, such as coins or key rings, to contact or short-circuit the charging jack terminals. Never puncture the surface of the phone with sharp objects.

Connection to Vehicles

Seek professional advice when connecting a phone interface to the vehicle electrical system.

Faulty and Damaged Products

Do not attempt to disassemble the phone or its accessories. Only qualified personnel can service or repair the phone or its accessories. If your phone (or its accessories) has been submerged in water, punctured, or subjected to a severe fall, do not use it until you have taken it to be checked at an authorized service center.

CTIA Requirements

- Do not disassemble or open, crush, bend or deform, puncture, or shred.
- Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, expose to fire, explosion or other hazard.
- Only use the battery for the system for which it is specified.
- Only use the battery with a charging system that has been qualified with the system per CTIA Certification Requirements for Battery System Compliance to IEEE 1725. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage, or other hazard.
- Do not short-circuit a battery or allow metallic conductive objects to contact battery terminals.
- Replace the battery only with another battery that has been qualified with the system per this standard, IEEEStd-1725. Use of an unqualified battery may present a risk of fire, explosion, leakage or other hazard.
- Promptly dispose of used batteries in accordance with local regulations.
- Battery usage by children should be supervised.
- Avoid dropping the phone or battery. If the phone or battery is dropped, especially on a hard surface, and the user suspects damage, take it to a service center for inspection.
- Improper battery use may result in a fire, explosion, or other hazard.
- The phone shall only be connected to CTIA certified adapters, products that bear the USB-IF logo or products that have completed the USB-IF compliance program.

Radio Frequency Interference

General Statement on Interference

Care must be taken when using the phone in close proximity to personal medical devices, such as pacemakers and hearing aids. Please consult your doctor and the device manufacturers to determine if the operation of your phone may interfere with the operation of your medical devices.

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 15 cm be maintained between a mobile phone and a pacemaker to avoid potential interference with the pacemaker. To achieve this, use the phone on the opposite ear to your pacemaker and do not carry it in a breast pocket.

Hearing Aids

People with hearing aids or other cochlear implants may experience interfering noises when using wireless devices or when one is nearby. The level of interference will depend on the type of hearing device and the distance from the interference source. Increasing the separation between them may reduce the interference. You may also consult your hearing aid manufacturer to discuss alternatives.

Medical Equipment

Turn off your wireless device when requested to do so in hospitals, clinics or healthcare facilities. These requests are designed to prevent possible interference with sensitive medical equipment.

Aircraft

Turn off your wireless device whenever you are instructed to do so by airport or airline staff. Consult the airline staff about the use of wireless devices onboard the aircraft. If your device offers airplane mode, this must be enabled prior to boarding an aircraft.

For Your Safety

Interference in Vehicles

Please note that because of possible interference with electronic equipment, some vehicle manufacturers forbid the use of mobile phones in their vehicles unless a hands-free kit with an external antenna is included in the installation.

Explosive Environments

Gas Stations and Explosive Atmospheres

In locations with potentially explosive atmospheres, obey all posted signs to turn off wireless devices such as your phone or other radio equipment. Areas with potentially explosive atmospheres include fueling areas, below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such as grain, dust, or metal powders.

Blasting Caps and Areas

Power off your mobile phone or wireless device when in a blasting area or in areas posted power off “two-way radios” or “electronic devices” to avoid interfering with blasting operations.



WARNING: This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer, and Toluene, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Specifications

Handset specifications are shown in the following table.

Operating system	Android 7.1.1 (Nougat)
Handset standards	LTE/CDMA
Dimensions (H x W x D)	5.37" (H) x 2.67" (W) x 0.43" (D)
Weight	5.11 oz. (with battery)
Display	4.5" 480 x 854
Camera	Rear 5 MP AF; Front 2 MP
Internal memory	ROM: 16 GB, RAM: 2 GB
Removable memory card	Supports microSDHC card up to 32 GB
Battery	2,100 mAh (nonremovable)
Continuous idle time	Up to 9 days
Continuous talk time	Up to 12 hours
WAP browser version	WAP 2.0
Bluetooth	BT 4.2
HAC	M4/T4

NOTE: The phone’s talk time and idle time are based on ideal working environments. The use of extended backlighting, browser, and network conditions can reduce battery life and talk/idle time.

Notes
